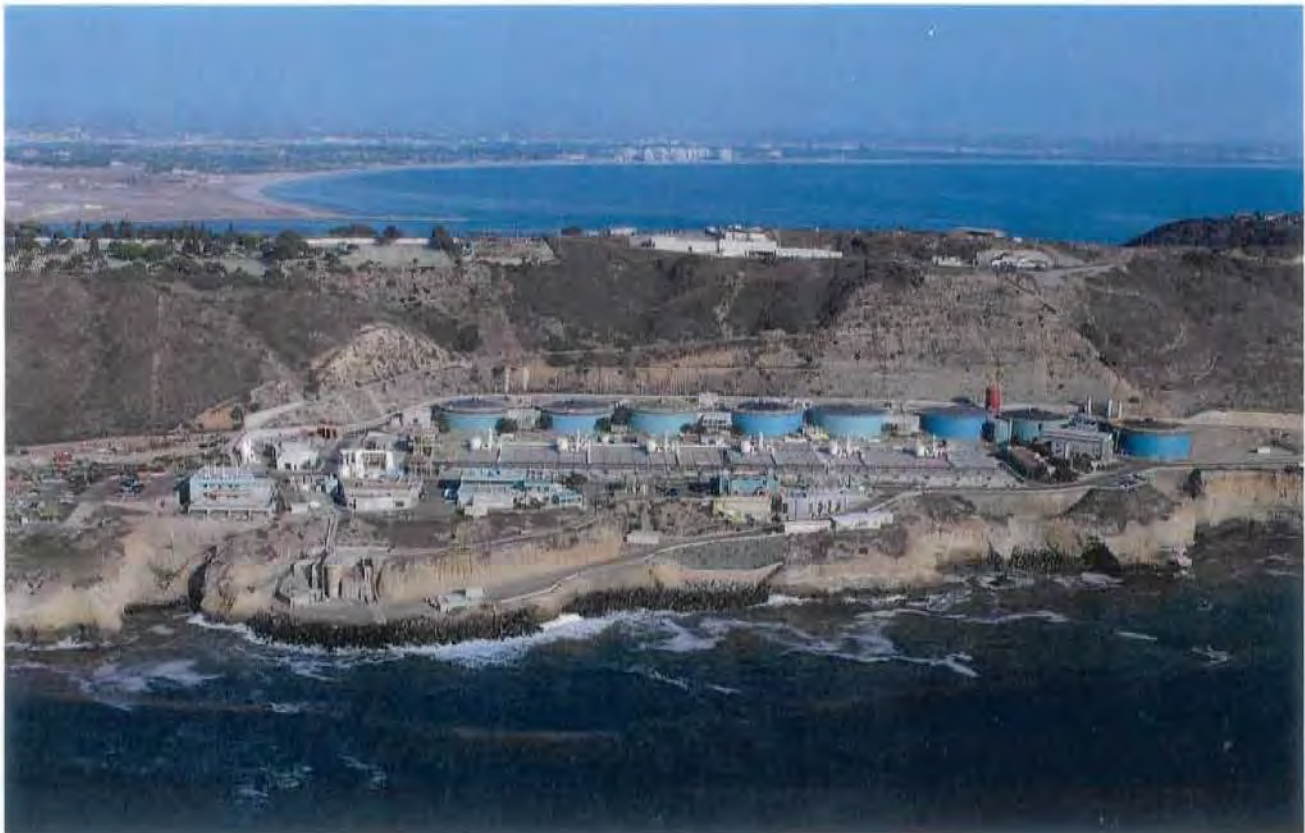


**APPLICATION FOR RENEWAL OF
NPDES CA0107409 and
301(h) MODIFIED SECONDARY TREATMENT REQUIREMENTS
Point Loma Ocean Outfall**



**VOLUME VI
APPENDIX J**

Application for Renewal of NPDES CA0107409
&
301(h) Modified Secondary Treatment Requirements for
Biochemical Oxygen Demand and Total Suspended Solids

POINT LOMA OCEAN OUTFALL &
POINT LOMA WASTEWATER TREATMENT PLANT

Submitted under provisions of
Section 301(h) of the Clean Water Act



City of San Diego
Metropolitan Wastewater Department
9192 Topaz Way
San Diego, CA 92123
(858) 292-6401

November 2007
(updated)



***APPLICATION FOR RENEWAL OF NPDES CA0107409
&
301(h) MODIFIED SECONDARY TREATMENT REQUIREMENTS***

**CITY OF SAN DIEGO
POINT LOMA OCEAN OUTFALL**

November 2007

VOLUME VI

TECHNICAL APPENDIX J

Appendix J 2006 Annual Biosolids Report



LIST OF VOLUMES

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Volume II	Part 1 - Basis of Application Part 2 - NPDES Application Forms Part 3 - Antidegradation Analysis
Volume III	Large Applicant Questionnaire
Volume IV	Appendix A Metro System Facilities and Operations Appendix B Point Loma Ocean Outfall Appendix C Compliance with Water Contact Standards Appendix D Effluent Disinfection Evaluation Appendix E Benthic Sediments and Organisms Appendix F Bioaccumulation Assessment
Volume V	Appendix G Beneficial Use Assessment Appendix H Endangered Species Appendix I Proposed Monitoring Program
Volume VI	Appendix J 2006 Annual Biosolids Report
Volume VII	Appendix K Source Control Program Appendix L 2006 Annual Pretreatment Report
Volume VIII	Appendix M Re-entrainment Appendix N Oceanography Appendix O Initial Dilution Simulation Models Appendix P Dissolved Oxygen Demand Appendix Q ROV Inspection of Discharge Zone Appendix R Analysis of Ammonia Appendix S 2001 California Ocean Plan Appendix T 2005 California Ocean Plan Appendix U Correspondence



Appendix J

2006 Annual Biosolids Report



THE CITY OF SAN DIEGO

**Point Loma Wastewater Treatment
Plant &
Metro Biosolids Center**

**2006 Annual Biosolids
Beneficial Use &
Disposal Report**

**Monitoring and Reporting Program No. 95-106
NPDES No. CA 0107409**

Environmental Monitoring and Technical Services
Metropolitan Wastewater Department
2392 Kincaid Road * Mail Station 45A * San Diego, CA 92101
Tel (619) 758-2300 Fax (619) 758-2309



THE CITY OF SAN DIEGO

February 14, 2007

Regional Sludge Coordinator (W-5-2)
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901

Enclosed is the 2006 Annual Biosolids Beneficial Use & Disposal Report as specified in discharge permit Order NO. 95-106, NPDES No. CA0107409, Waste Discharge Requirements, pp 67-72 and 40 CFR 503.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there



I:\REPORTS\PT_LOMA\Annuals\Annual2006\Biosolids\BiosolidsReuseDisposalReport2006.doc

Environmental Monitoring and Technical Services Division • Metropolitan Wastewater

2392 Kincaid Road • San Diego, CA 92101-0811

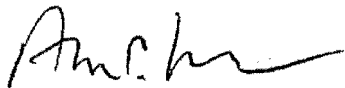
Tel (619) 758-2300 Fax (619) 758-2309



Page 2
Regional Sludge Coordinator (W-5-2)
U.S. Environmental Protection Agency
February 14, 2007

are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



ALAN C. LANGWORTHY
Deputy Director
Environmental Monitoring & Technical Services Division

BGB/caq

Enclosures:

- Enclosure 1 - Solids Production for 2006
- Enclosure 2 - Copies of Monthly Vector Attraction Reduction Certifications for 2006.
- Enclosure 3 - Copies of Monthly Biosolids Pathogen Reduction Certifications & 503 Table 3 results 2006.
- Enclosure 4 - Copies of Monthly Biosolids Production Reports for 2006.
- Enclosure 5 - Copies of Monthly Biosolids Use/Disposal Summary reports for 2006.
- Enclosure 6 - Copies of monthly Title 22 reports on MBC dewatered biosolids for 2006.
- Enclosure 7. Results of other analyses of dewatered biosolids for 2006.
- Enclosure 8 Summary Tables for Title 22 analyses of dewatered biosolids for 2006.
- Enclosure 9 Arizona Department of Environmental Quality Biosolids Annual Report-City of San Diego
- Enclosure 10 - Copy of Solids Solutions, Inc. Annual Certifications
- Enclosure 11 - Copies of Solids Solutions, Inc. Monthly Certifications and Reports
- Enclosure 12 Maps showing areas of land application/beneficial reuse in 2006.
- Enclosure 13 Methods of Analysis of Biosolids samples by the City of San Diego
- Enclosure 14 Copies of laboratory analyses of biosolid samples by Arizona certified laboratory,

cc: San Diego Regional Water Quality Control Board
U.S. EPA Region IX
Arizona Department of Environmental Quality (ADEQ)
Distribution
File

2006 Annual Biosolids Beneficial Use & Disposal Report

Facilities:

<u>Sources of biosolids:</u>	<u>Biosolids treatment and processing:</u>
Point Loma Wastewater Treatment Plant (PLWWTP) 1902 Gatchell Rd., San Diego, CA	Metro Biosolids Center (MBC) 5240 Convoy Street, San Diego, CA 92111
North City Water Reclamation Plant (NCWRP) 4949 Eastgate Mall, San Diego, CA 92121	Point Loma Wastewater Treatment Plant (PLWWTP) 1902 Gatchell Rd., San Diego, CA

The Point Loma Wastewater Treatment Plant (PLWWTP) and the North City Water Reclamation Plant produced and disposed of 118,026 wet tons/34,716 dry tons (31,516 dry metric tons) of digested sludge (biosolids) in 2006.

All digested sludge produced at the Pt. Loma WWTP were pumped to the Metro Biosolids Center (MBC) for dewatering by centrifuges. The biosolids were then hauled to a disposal site (Local Landfill) or beneficial use site. During this reporting period all of the raw sludge produced at the North City Water Reclamation Plant (NCWRP) was diverted to the Metro Biosolids Center for screening, thickening, dewatering, digestion and blended with the digested solids from the PLWWTP prior to dewatering. The MBC Monthly Biosolids Processing Reports include the biosolids processed from the PLWWTP and the NCWRP. Copies of the MBC Monthly Biosolids Processing Reports and the MBC Biosolids Beneficial Use and Disposal Monthly Summary Reports detailing daily biosolids processing and beneficial use/disposal are included as Enclosures 1 and 5, respectively.

All of the sludge/biosolids produced by the City of San Diego, Pt. Loma Wastewater Treatment Plant and North City Water Reclamation Plant were dewatered at the Metro Biosolids Center (MBC) and disposition is shown as summarized below.

Disposition	Wet tons (short)	Dry tons¹	Dry metric tons
Disposal in sanitary landfill	2,225	654	593
Beneficial reuse as Alternative Daily Cover (ADC) at landfill	103,795	30,516	27,684
Land application in Arizona	12,005	3,529	3,202

All Biosolids produced by the City of San Diego were treated to Class B standards through Anaerobic Digestion for a minimum of 15 days at a temperature of 35 to 55 degrees Centigrade (Alternative 3, Process 3). Vector Attraction requirements were achieved by reducing the volatile solids content a minimum of 38 percent (Option 1).

¹ (based on 29.4% average TS)

Land Applier: Solid Solutions
Address: 12340 Seal Beach Blvd., Suite B-383, Seal Beach, CA 90740
Period: January 1, 2006 - December 31, 2006
Reuse method: Direct land application. Digested dewatered sludge from the MBC centrifuges were land applied directly to fields in Yuma County, AZ. The sludge was certified by the City of San Diego as meeting Class B pathogen and vector attraction reduction requirements of 40 CFR 503. Copies of the City of San Diego's certifications (which also serve as notification of nitrogen content) are included as Enclosure 2. Copies of Solid Solutions' certification statements are included as Enclosures 10 & 11.

The MBC provides two essential treatment processes, thickening and digestion of the raw solids from the NCWRP and dewatering of biosolids generated at the NCWRP and the PLWWTP. The digested biosolids from the PLWWTP are pumped to MBC in a 17 mile pipeline into one of the two storage tanks on site where it is blended with the digested biosolids from the NCWRP. Before these biosolids are sent to the dewatering process polymer and ferric chloride are added to condition the biosolids, which enhances the dewaterability of the biosolids and minimizes the potential of scale formation.

Eight dewatering centrifuges are used to separate the liquid and solids fractions of the conditioned biosolids. The liquid fraction, (centrate) is returned to the PLWWTP via the Rose Canyon Interceptor and the solids recovered, (cake), is pumped to one of the eight storage silos on site before it is loaded into trucks for disposal/beneficial use as ADC at Otay Landfill or beneficially used for land application in Yuma County, Arizona, Tables 1B and Table 1C.

The digested biosolids, centrate and dewatered cake are sampled on a daily basis to ensure regulatory compliance and to track plant process performance. Grab samples are collected daily on the incoming biosolids from the PLWWTP and the blended biosolids, which includes the digested biosolids from the NCWRP. The operations staff also collects a twenty-four hour composite sample from the centrate return stream from the dewatering process and from the blended centrate return stream that includes the centrate flow from the thickening and dewatering processes.

Daily grab samples of dewatered cake are collected from each individual dewatering centrifuge that are in operation during the 24 hour period, and a portion of each of these grab samples are combined to provide a daily composite of dewatered cake produced. All sampling at MBC is preformed by Wastewater Plant Operators who are certified by the State of California and in conformance with established sampling techniques listed in Standard Methods.

Because the dewatered cake samples are a daily composite and the Land Applier's (Solid Solutions) samples are a monthly grab sample, the dry ton calculations may differ slightly.

In addition to the monthly analyses of 503 and California Title 22 analyses by our California certified laboratory, and in accordance with the Arizona Department of Environmental Quality (ADEQ), grab samples were delivered to an Arizona certified laboratory. Legend Technical Services of Arizona, Inc, 17631 North 25th Avenue, Phoenix, AZ 85023, ADHS#AZ0004 provided EPA Part 503 Table 3 Metals and Nitrogen analysis. See Enclosure 14.

Biosolids used for all uses in 2006 continued to meet all regulatory requirements. Concentration of pollutants were all well below the limits listed in California Title 22 Hazardous

Waste thresholds including TLC (Total Threshold Limit Concentration), STLC (Soluble Threshold Limit Concentration), and 40 CFR part 503.13 Table 3 "Limits for Land Application", the lower lead limit established by the California State Health and Safety Code 25157.8. It also met the A.C.C. (Arizona Administrative Code) R18-9-1005 Table 2. Monthly Average Pollutant Concentration limits.

Additional analyses, including the rest of the "priority pollutant list"², were performed during 2006 and the reports of these analyses are included in Enclosure 7.

Table 1.A. Landfill location used during 2006 is as follows:

Otay Landfill 1700 Maxwell Road Chula Vista, San Diego County, CA 91911	2,225 wet tons (654 dry tons/594 dry metric tons) based on 29.4% average solids) disposed of from January to December 2006 at this landfill.
--	--

No biosolids were shipped to or disposed of at a surface disposal site.

No biosolids were disposed of or reused by any other method than those listed above.

² Includes volatile organic compounds, phenols, base/neutral organic compounds, organophosphorus pesticides, chlorinated pesticides and PCBs.

Table 1B. Annual biosolids Beneficial Use & Landfill Disposal Summary

2006 Month:	Otay Landfill Biosolids (wet Tons)	Otay Landfill Beneficial Use ¹ (wet Tons)	Otay Landfill Total (wet Tons)	Norris Farm Aztec, Yuma County, AZ Beneficial Use ² (wet Tons)	Cullison Farm Aztec, Yuma Beneficial Use ² (wet Tons)	Total (wet Tons)	%TS	Total Dry Tons	Total Biosolids (dry metric tons)
January		8,999.11	8,999.11	1,466.55	452.36	10,918.02	28.8	3,144.39	2,852.59
February	390.81	7,468.13	7,858.94	1,339.67		9,198.61	28.9	2,658.40	2,411.70
March	1,102.79	7,653.97	8,756.76	1,385.71		10,142.47	29.6	3,002.17	2,723.57
April	293.60	7,032.83	7,326.43	887.30	474.15	8,687.88	29.9	2,597.68	2,356.61
May	438.23	8,391.66	8,829.89	580.98	220.72	9,631.59	29.5	2,841.32	2,577.64
June		8,152.55	8,152.55	784.67		8,937.22	30.6	2,734.79	2,481.00
July		7,325.88	7,325.88	735.96		8,061.84	29.9	2,410.49	2,186.80
August		9,457.61	9,457.61	834.88		10,292.49	29.0	2,984.82	2,707.83
September		9,246.72	9,246.72	539.93		9,786.65	28.9	2,828.34	2,565.87
October		9,801.61	9,801.61	891.90		10,693.51	29.4	3,143.89	2,852.14
November		10,381.82	10,381.82	813.76		11,195.58	29.5	3,302.70	2,996.21
December		9,883.52	9,883.52	596.17		10,479.69	29.1	3,049.59	2,766.59
Total:	2,225.43	103,795.41	106,020.84	10,857.48	1,147.23	118,025.55		34,698.58	31,478.55
Monthly Average:	556.36	8,649.62	8,835.07	904.79	382.41	9,835.46	29.4	2,891.55	2,623.21

¹ beneficial use as Alternative Daily Cover.

² beneficial use in Land Application.

Table 1C. 2006 Biosolids Land Application

Table 1C. 2006 Biosolids Land Application

Month	%TS	Cullison , Yuma City, AZ		Norris, Yuma City, AZ		Total Monthly	Total Monthly	Total Metric
		wet tons	dry tons	wet tons	dry tons	wet tons	dry tons	dry tons
January	28.8	452.36	130.28	1,466.55	422.37	1,918.91	552.65	501.36
February	28.9		0.00	1,339.67	387.16	1,339.67	387.16	351.24
March	29.6		0.00	1,385.71	410.17	1,385.71	410.17	372.11
April	29.9	474.15	141.77	887.30	265.30	1,361.45	407.07	369.30
May	29.5	220.72	65.11	580.98	171.39	801.70	236.50	214.55
June	30.6		0.00	784.67	240.11	784.67	240.11	217.83
July	29.9		0.00	735.96	220.05	735.96	220.05	199.63
August	29.0		0.00	834.88	242.12	834.88	242.12	219.65
September	28.9		0.00	539.93	156.04	539.93	156.04	141.56
October	29.4		0.00	891.90	262.22	891.90	262.22	237.88
November	29.5		0.00	813.76	240.06	813.76	240.06	217.78
December	29.1		0.00	596.17	173.49	596.17	173.49	157.39
2006 Totals	Avg =29.4	1,147.23	337.16	10,857.48	3,190.47	12,004.71	3,527.64	3,200.27

Table 1D. Other Solids disposal (weights are gross wet weight)

2006 Month:	Copper Mountain Landfill Scum (Tons)	Otay Landfill Scum (Tons)	Miramar Landfill Grit (Tons)	Miramar Landfill Rags & Screenings (Tons)
January	35.99		135.22	555.22
February	36.49		158.32	591.62
March	47.31		167.02	606.16
April	15.63		175.93	562.81
May	34.57		196.51	592.90
June	21.50		203.00	623.05
July	33.52		187.32	617.79
August	23.70		135.14	674.40
September	24.81	6.07	154.60	567.66
October	13.14		170.05	518.81
November	26.62		178.52	543.58
December	30.74		151.95	492.17
Total:	344.02	6.07	2,013.58	6,946.17
Average:	28.67	6.07	167.80	578.85

Enclosure 1 - Solids Production for 2006

Point Loma Annual Monitoring Report
Solids Report – TOTALS

From 01-JAN-2006 To 31-DEC-2006

Month	Pt. Loma Raw sludge		Pt. Loma Digested Sludge		MBC Combined Centrate		MBC Dewatered Sludge	
	Gallons	Tons	Gallons	Tons	Gallons	Tons	Wet Tons	Dry Tons
01	30,939,540	4,967	29,929,021	2,702	76,249,057	936	10,918	3,147
02	28,412,343	4,567	28,597,618	2,573	70,828,371	668	9,199	2,660
03	31,718,776	4,883	31,725,173	2,814	75,966,963	808	10,143	3,001
04	30,030,470	4,643	30,044,299	2,600	69,144,272	777	8,688	2,593
05	32,580,970	5,015	34,223,761	2,746	74,233,302	1,079	9,632	2,837
06	31,153,747	4,637	31,153,802	2,628	72,033,675	885	8,937	2,738
07	29,343,078	4,728	29,343,079	2,557	67,659,998	826	8,062	2,409
08	29,738,526	4,836	29,738,526	2,626	79,450,214	866	10,293	2,983
09	30,173,610	4,850	30,173,610	2,724	79,515,983	1,001	9,787	2,825
10	31,562,391	4,851	31,562,391	2,854	83,602,419	1,149	10,694	3,142
11	27,326,950	4,264	27,326,950	2,461	78,187,878	1,071	11,196	3,308
12	28,080,714	4,375	28,080,714	2,459	70,828,236	1,077	10,480	3,050
avg	30,088,426	4,718	30,158,245	2,645	74,808,364	929	9,835	2,891
sum	361,061,115	56,616	361,898,944	31,744	897,700,368	11,143	118,026	34,693

Solids Report - Daily Averages by Month
From 01-JAN-2006 To 31-DEC-2006

Month	Pt. Loma Raw sludge			Pt. Loma Digested Sludge			MBC Combined Centrate			MBC Dewatered Sludge		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	998,050	3.9	161	997,634	2.2	90	2,459,647	0.29	30.3	352	28.8	101.5
02	1,014,727	3.9	163	1,021,344	2.2	92	2,529,585	0.23	24.5	329	28.9	95.0
03	1,023,186	3.7	157	1,023,393	2.1	91	2,450,547	0.26	25.0	327	29.6	96.8
04	1,001,016	3.7	159	1,001,477	2.1	90	2,304,809	0.27	25.8	290	29.9	86.4
05	1,050,999	3.7	162	1,103,992	1.9	90	2,394,623	0.35	36.4	311	29.5	91.5
06	1,038,458	3.6	154	1,038,460	2.0	87	2,401,123	0.29	29.3	298	30.6	91.3
07	946,551	3.9	154	946,551	2.1	83	2,182,581	0.29	26.3	260	29.9	77.7
08	959,307	3.9	155	959,307	2.1	85	2,562,910	0.26	27.9	332	29.0	96.2
09	1,005,787	3.9	160	1,005,787	2.2	93	2,650,533	0.30	33.5	326	28.9	94.2
10	1,018,142	3.7	158	1,018,142	2.2	91	2,696,852	0.33	37.3	345	29.4	101.3
11	910,898	3.7	138	910,898	2.2	81	2,606,263	0.33	35.7	373	29.5	110.3
12	905,829	3.7	142	905,829	2.1	79	2,284,782	0.36	34.9	338	29.1	98.4
avg	989,413	3.8	155	994,401	2.1	88	2,460,354	0.30	30.6	323	29.4	95.1

Note: A ton is a "short ton" or 2000 lbs of dry solids.

Values for Wet Tons of dewatered sludge are based on calculated volumes from eight positive displacement cake pumps and are subject to inaccuracies. The mechanical condition of the cake pumps and the variability of sludge concentrations can effect the overall accuracies of these reported values.

Enclosure 2 - Copies of Monthly Vector Attraction Reduction Certifications for 2006.

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of January 2006 from locations based on the following information from operations:

1. All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.
2. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
3. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
4. Only MBC is using only Digester No. 1 for sludge processing.

59.7% Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

58.5% Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

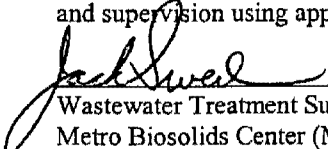
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Chemistry Laboratory

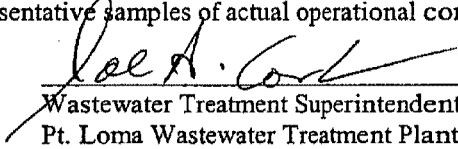
Date 2/2/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

3-8-06
Date



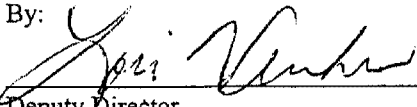
Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

3-8-06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By: 

Deputy Director
Operations and Maintenance Division, Metropolitan Wastewater Department

3/8/06
Date

FVSR (Fractional Volatile Solids Reduction)

Calculations for January 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for January 2006 for the Digester 7

Average Volatile Solids for January 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
55.8	75.8	59.7%

Average Volatile Solids for January 2006 for the MBC Dig 1

Average Volatile Solids for January 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
65.1	81.8	58.5%

Enter value for begdate: 01-JAN-2006
 Enter value for enddate: 31-JAN-2006
 old 4: and sample_date between '&begdate' and '&enddate'
 new 4: and sample_date between '01-JAN-2006' and '31-JAN-2006'

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
03-JAN-2006	RAW S1	TVS	73.3
03-JAN-2006	RAW S2	TVS	73.8
03-JAN-2006	RAW S3	TVS	73.7
05-JAN-2006	RAW S1	TVS	75.9
05-JAN-2006	RAW S2	TVS	75.2
05-JAN-2006	RAW S3	TVS	75.9
08-JAN-2006	RAW S1	TVS	75.7
08-JAN-2006	RAW S2	TVS	77.2
08-JAN-2006	RAW S3	TVS	75.7
10-JAN-2006	RAW S1	TVS	76.1
10-JAN-2006	RAW S2	TVS	77.1
10-JAN-2006	RAW S3	TVS	74.8
12-JAN-2006	RAW S1	TVS	76.1
12-JAN-2006	RAW S2	TVS	76.8
12-JAN-2006	RAW S3	TVS	75.5
17-JAN-2006	RAW S1	TVS	76.1
17-JAN-2006	RAW S2	TVS	76.7
17-JAN-2006	RAW S3	TVS	75.0
19-JAN-2006	RAW S1	TVS	74.6
19-JAN-2006	RAW S2	TVS	75.4
19-JAN-2006	RAW S3	TVS	74.3
22-JAN-2006	RAW S1	TVS	75.9
22-JAN-2006	RAW S2	TVS	76.2
22-JAN-2006	RAW S3	TVS	74.6
24-JAN-2006	RAW S1	TVS	76.4
24-JAN-2006	RAW S2	TVS	76.8
24-JAN-2006	RAW S3	TVS	74.4
26-JAN-2006	RAW S1	TVS	77.4
26-JAN-2006	RAW S2	TVS	76.4
26-JAN-2006	RAW S3	TVS	76.8
29-JAN-2006	RAW S1	TVS	75.7
29-JAN-2006	RAW S2	TVS	76.9
29-JAN-2006	RAW S3	TVS	76.1
31-JAN-2006	RAW S1	TVS	76.6
31-JAN-2006	RAW S2	TVS	76.7
31-JAN-2006	RAW S3	TVS	75.4
avg			75.8

36 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
03-JAN-2006	PLDIG7	TVS	56.4
03-JAN-2006	PLDIG7	TVS	55.0
03-JAN-2006	PLDIG7	TVS	55.0
04-JAN-2006	PLDIG7	TVS	55.0
05-JAN-2006	PLDIG7	TVS	54.9
05-JAN-2006	PLDIG7	TVS	54.8
05-JAN-2006	PLDIG7	TVS	53.9
06-JAN-2006	PLDIG7	TVS	56.3
08-JAN-2006	PLDIG7	TVS	55.0
08-JAN-2006	PLDIG7	TVS	54.2
09-JAN-2006	PLDIG7	TVS	54.4
10-JAN-2006	PLDIG7	TVS	56.1
10-JAN-2006	PLDIG7	TVS	54.4
10-JAN-2006	PLDIG7	TVS	55.6
11-JAN-2006	PLDIG7	TVS	54.9
12-JAN-2006	PLDIG7	TVS	55.3
12-JAN-2006	PLDIG7	TVS	54.9
12-JAN-2006	PLDIG7	TVS	55.1
13-JAN-2006	PLDIG7	TVS	56.0
17-JAN-2006	PLDIG7	TVS	55.4
17-JAN-2006	PLDIG7	TVS	56.2
17-JAN-2006	PLDIG7	TVS	55.0
18-JAN-2006	PLDIG7	TVS	56.0
19-JAN-2006	PLDIG7	TVS	55.6
19-JAN-2006	PLDIG7	TVS	55.4
19-JAN-2006	PLDIG7	TVS	55.7
20-JAN-2006	PLDIG7	TVS	56.0
22-JAN-2006	PLDIG7	TVS	55.6
22-JAN-2006	PLDIG7	TVS	54.8
23-JAN-2006	PLDIG7	TVS	55.0
24-JAN-2006	PLDIG7	TVS	55.3
24-JAN-2006	PLDIG7	TVS	55.6
24-JAN-2006	PLDIG7	TVS	55.7
25-JAN-2006	PLDIG7	TVS	55.0
26-JAN-2006	PLDIG7	TVS	55.8
26-JAN-2006	PLDIG7	TVS	56.5
26-JAN-2006	PLDIG7	TVS	56.2

27-JAN-2006	PLDIG7	TVS	57.1
29-JAN-2006	PLDIG7	TVS	65.2
29-JAN-2006	PLDIG7	TVS	63.7
30-JAN-2006	PLDIG7	TVS	56.6
31-JAN-2006	PLDIG7	TVS	56.2
31-JAN-2006	PLDIG7	TVS	54.8
31-JAN-2006	PLDIG7	TVS	55.0
avg			55.8

44 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JAN-2006	MBC DIG1	TVS	64.3
03-JAN-2006	MBC DIG1	TVS	64.9
03-JAN-2006	MBC DIG1	TVS	64.7
05-JAN-2006	MBC DIG1	TVS	64.1
05-JAN-2006	MBC DIG1	TVS	64.1
08-JAN-2006	MBC DIG1	TVS	64.0
08-JAN-2006	MBC DIG1	TVS	63.9
10-JAN-2006	MBC DIG1	TVS	65.6
10-JAN-2006	MBC DIG1	TVS	65.5
12-JAN-2006	MBC DIG1	TVS	65.0
12-JAN-2006	MBC DIG1	TVS	64.9
15-JAN-2006	MBC DIG1	TVS	63.5
15-JAN-2006	MBC DIG1	TVS	63.9
17-JAN-2006	MBC DIG1	TVS	67.0
17-JAN-2006	MBC DIG1	TVS	66.9
19-JAN-2006	MBC DIG1	TVS	65.1
19-JAN-2006	MBC DIG1	TVS	64.5
22-JAN-2006	MBC DIG1	TVS	64.7
22-JAN-2006	MBC DIG1	TVS	64.6
24-JAN-2006	MBC DIG1	TVS	65.8
24-JAN-2006	MBC DIG1	TVS	66.0
26-JAN-2006	MBC DIG1	TVS	65.9
26-JAN-2006	MBC DIG1	TVS	65.9
29-JAN-2006	MBC DIG1	TVS	66.0
29-JAN-2006	MBC DIG1	TVS	65.7
avg			65.1

25 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JAN-2006	MBC_TSBTC	TVS	82.8
02-JAN-2006	MBC_TSBTC	TVS	81.6
03-JAN-2006	MBC_TSBTC	TVS	81.6
04-JAN-2006	MBC_TSBTC	TVS	76.9
05-JAN-2006	MBC_TSBTC	TVS	75.5
06-JAN-2006	MBC_TSBTC	TVS	80.9
07-JAN-2006	MBC_TSBTC	TVS	77.0
08-JAN-2006	MBC_TSBTC	TVS	83.9
09-JAN-2006	MBC_TSBTC	TVS	81.9
10-JAN-2006	MBC_TSBTC	TVS	84.6
11-JAN-2006	MBC_TSBTC	TVS	84.9
12-JAN-2006	MBC_TSBTC	TVS	79.8
13-JAN-2006	MBC_TSBTC	TVS	72.3
15-JAN-2006	MBC_TSBTC	TVS	80.2
16-JAN-2006	MBC_TSBTC	TVS	81.4
17-JAN-2006	MBC_TSBTC	TVS	81.3
18-JAN-2006	MBC_TSBTC	TVS	79.6
19-JAN-2006	MBC_TSBTC	TVS	83.9
20-JAN-2006	MBC_TSBTC	TVS	83.3
21-JAN-2006	MBC_TSBTC	TVS	83.7
22-JAN-2006	MBC_TSBTC	TVS	82.6
23-JAN-2006	MBC_TSBTC	TVS	82.6
24-JAN-2006	MBC_TSBTC	TVS	82.4
25-JAN-2006	MBC_TSBTC	TVS	82.8
26-JAN-2006	MBC_TSBTC	TVS	85.6
27-JAN-2006	MBC_TSBTC	TVS	85.3
28-JAN-2006	MBC_TSBTC	TVS	85.1
29-JAN-2006	MBC_TSBTC	TVS	85.1
30-JAN-2006	MBC_TSBTC	TVS	84.5
avg			81.8

29 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA. Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

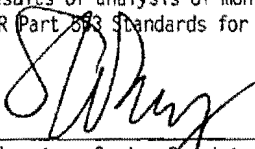
I. **INORGANIC POLLUTANT CONCENTRATIONS:** The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of January 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	3.9	mg/Kg	41	mg/Kg
Cadmium	1.75	mg/Kg	39	mg/Kg
Chromium	40.8	mg/Kg	1,200	mg/Kg
Copper	671	mg/Kg	1,500	mg/Kg
Lead	22.0	mg/Kg	300	mg/Kg
Mercury	1.36	mg/Kg	17	mg/Kg
Molybdenum	16.2	mg/Kg	75	mg/Kg*
Nickel	30.5	mg/Kg	420	mg/Kg
Selenium	5.02	mg/Kg	36	mg/Kg
Zinc	786	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.52	Wt %		
Date of Sample	31-Jan-2006			
Total Solids	28.2	Wt %		
Volatile Solids	56.8	Wt %		

Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

ased on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in he described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609



 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of February 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

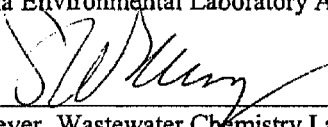
1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

60.1% Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

58.1% Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

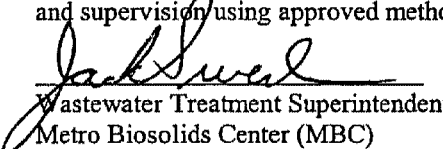
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Chemistry Laboratory

Date 3/29/06

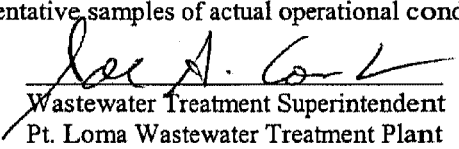
I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

Date

4-6-06



Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

Date

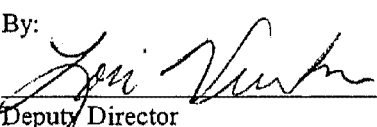
4-11-06

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By:



Deputy Director

Date

4/7/06

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for February 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for February 2006 for the Digester 7

Average Volatile Solids for February 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
56.8	76.7	60.1%

Average Volatile Solids for February 2006 for the MBC Dig 1

Average Volatile Solids for February 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
67.8	83.4	58.1%

```

start J:\xxcorelims\lims32\sql\sludge_tvs2
Enter value for begdate: 01-FEB-2006
Enter value for enddate: 28-FEB-2006
old 4: and sample_date between '&&begdate' and
'&&enddate'
new 4: and sample_date between '01-FEB-2006' and '28-FEB-
2006'

```

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-FEB-2006	RAW S1	TVS	76.7
02-FEB-2006	RAW S2	TVS	77.3
02-FEB-2006	RAW S3	TVS	76.7
05-FEB-2006	RAW S1	TVS	76.9
05-FEB-2006	RAW S2	TVS	79.7
05-FEB-2006	RAW S3	TVS	77.0
07-FEB-2006	RAW COMP	TVS	76.9
07-FEB-2006	RAW S1	TVS	76.7
07-FEB-2006	RAW S2	TVS	77.4
07-FEB-2006	RAW S3	TVS	76.4
09-FEB-2006	RAW S1	TVS	76.1
09-FEB-2006	RAW S2	TVS	76.1
09-FEB-2006	RAW S3	TVS	76.1
12-FEB-2006	RAW S1	TVS	76.7
12-FEB-2006	RAW S2	TVS	74.5
12-FEB-2006	RAW S3	TVS	77.1
14-FEB-2006	RAW S1	TVS	77.1
14-FEB-2006	RAW S2	TVS	77.2
14-FEB-2006	RAW S3	TVS	77.1
16-FEB-2006	RAW S1	TVS	76.7
16-FEB-2006	RAW S2	TVS	76.9
16-FEB-2006	RAW S3	TVS	76.6
21-FEB-2006	RAW S1	TVS	76.6
21-FEB-2006	RAW S2	TVS	76.8
21-FEB-2006	RAW S3	TVS	75.6
23-FEB-2006	RAW S1	TVS	76.0
23-FEB-2006	RAW S2	TVS	76.3
23-FEB-2006	RAW S3	TVS	76.1
26-FEB-2006	RAW S1	TVS	77.2
26-FEB-2006	RAW S2	TVS	79.6
26-FEB-2006	RAW S3	TVS	75.9
28-FEB-2006	RAW S1	TVS	77.4
28-FEB-2006	RAW S2	TVS	78.6
28-FEB-2006	RAW S3	TVS	71.9

avg			76.7

34 rows selected.

```

old 4: and sample_date between '&&begdate' and
'&&enddate'
new 4: and sample_date between '01-FEB-2006' and '28-FEB-
2006'

```

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-FEB-2006	PLDIG7	TVS	55.2
02-FEB-2006	PLDIG7	TVS	57.2
02-FEB-2006	PLDIG7	TVS	55.5
02-FEB-2006	PLDIG7	TVS	54.2
03-FEB-2006	PLDIG7	TVS	55.4
05-FEB-2006	PLDIG7	TVS	61.3
05-FEB-2006	PLDIG7	TVS	61.3
06-FEB-2006	PLDIG7	TVS	55.6
07-FEB-2006	PLDIG7	TVS	56.8
07-FEB-2006	PLDIG7	TVS	57.2
07-FEB-2006	PLDIG7	TVS	57.0
08-FEB-2006	PLDIG7	TVS	56.6
09-FEB-2006	PLDIG7	TVS	57.4
09-FEB-2006	PLDIG7	TVS	56.7
09-FEB-2006	PLDIG7	TVS	56.2
10-FEB-2006	PLDIG7	TVS	56.7
12-FEB-2006	PLDIG7	TVS	56.3
12-FEB-2006	PLDIG7	TVS	56.9
13-FEB-2006	PLDIG7	TVS	56.4
14-FEB-2006	PLDIG7	TVS	58.0
14-FEB-2006	PLDIG7	TVS	56.9
14-FEB-2006	PLDIG7	TVS	56.8
15-FEB-2006	PLDIG7	TVS	56.1
16-FEB-2006	PLDIG7	TVS	56.4
16-FEB-2006	PLDIG7	TVS	57.7
16-FEB-2006	PLDIG7	TVS	57.7
17-FEB-2006	PLDIG7	TVS	56.4
21-FEB-2006	PLDIG7	TVS	56.5
21-FEB-2006	PLDIG7	TVS	56.4
21-FEB-2006	PLDIG7	TVS	56.2
22-FEB-2006	PLDIG7	TVS	56.3
23-FEB-2006	PLDIG7	TVS	57.8
23-FEB-2006	PLDIG7	TVS	57.2
23-FEB-2006	PLDIG7	TVS	56.9

24-FEB-2006	PLDIG7	TVS	57.1
26-FEB-2006	PLDIG7	TVS	56.2
26-FEB-2006	PLDIG7	TVS	56.4
27-FEB-2006	PLDIG7	TVS	56.6
28-FEB-2006	PLDIG7	TVS	57.4
28-FEB-2006	PLDIG7	TVS	55.4
28-FEB-2006	PLDIG7	TVS	56.5

avg			56.8

41 rows selected.

```

old 4: and sample_date between '&&begdate' and
'&&enddate'
new 4: and sample_date between '01-FEB-2006' and '28-FEB-
2006'

```

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-FEB-2006	MBC_DIG1	TVS	67.1
02-FEB-2006	MBC_DIG1	TVS	67.1
05-FEB-2006	MBC_DIG1	TVS	66.8
05-FEB-2006	MBC_DIG1	TVS	66.7
07-FEB-2006	MBC_DIG1	TVS	69.1
07-FEB-2006	MBC_DIG1	TVS	68.9
09-FEB-2006	MBC_DIG1	TVS	68.3
09-FEB-2006	MBC_DIG1	TVS	68.3
12-FEB-2006	MBC_DIG1	TVS	66.2
12-FEB-2006	MBC_DIG1	TVS	66.6
14-FEB-2006	MBC_DIG1	TVS	67.0
14-FEB-2006	MBC_DIG1	TVS	67.0
16-FEB-2006	MBC_DIG1	TVS	67.6
16-FEB-2006	MBC_DIG1	TVS	66.6
19-FEB-2006	MBC_DIG1	TVS	69.1
19-FEB-2006	MBC_DIG1	TVS	69.2
21-FEB-2006	MBC_DIG1	TVS	68.9
21-FEB-2006	MBC_DIG1	TVS	68.9
23-FEB-2006	MBC_DIG1	TVS	68.1
23-FEB-2006	MBC_DIG1	TVS	68.0
26-FEB-2006	MBC_DIG1	TVS	67.5
26-FEB-2006	MBC_DIG1	TVS	67.6
28-FEB-2006	MBC_DIG1	TVS	68.6
28-FEB-2006	MBC_DIG1	TVS	68.5

avg			67.8

24 rows selected.

```

old 4: and sample_date between '&&begdate' and
'&&enddate'
new 4: and sample_date between '01-FEB-2006' and '28-FEB-
2006'

```

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-FEB-2006	MBC_TSBTC	TVS	82.5
02-FEB-2006	MBC_TSBTC	TVS	83.7
03-FEB-2006	MBC_TSBTC	TVS	82.0
04-FEB-2006	MBC_TSBTC	TVS	82.5
05-FEB-2006	MBC_TSBTC	TVS	82.1
06-FEB-2006	MBC_TSBTC	TVS	82.4
07-FEB-2006	MBC_TSBTC	TVS	83.0
08-FEB-2006	MBC_TSBTC	TVS	85.7
09-FEB-2006	MBC_TSBTC	TVS	83.6
10-FEB-2006	MBC_TSBTC	TVS	83.3
11-FEB-2006	MBC_TSBTC	TVS	82.6
13-FEB-2006	MBC_TSBTC	TVS	82.5
14-FEB-2006	MBC_TSBTC	TVS	75.1
15-FEB-2006	MBC_TSBTC	TVS	84.5
16-FEB-2006	MBC_TSBTC	TVS	85.9
18-FEB-2006	MBC_TSBTC	TVS	85.2
19-FEB-2006	MBC_TSBTC	TVS	85.1
20-FEB-2006	MBC_TSBTC	TVS	82.5
21-FEB-2006	MBC_TSBTC	TVS	82.4
22-FEB-2006	MBC_TSBTC	TVS	83.2
23-FEB-2006	MBC_TSBTC	TVS	85.0
24-FEB-2006	MBC_TSBTC	TVS	86.1
25-FEB-2006	MBC_TSBTC	TVS	85.5
26-FEB-2006	MBC_TSBTC	TVS	85.5
27-FEB-2006	MBC_TSBTC	TVS	84.4
28-FEB-2006	MBC_TSBTC	TVS	83.2

avg			83.4

26 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - Centrifuge Dewatered Sludge

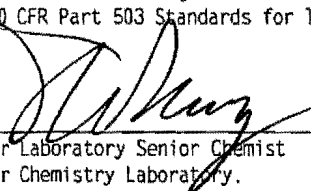
INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of February 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	4.16	mg/Kg	41	mg/Kg
Cadmium	1.64	mg/Kg	39	mg/Kg
Chromium	49.1	mg/Kg	1,200	mg/Kg
Copper	670	mg/Kg	1,500	mg/Kg
Lead	20.2	mg/Kg	300	mg/Kg
Mercury	1.37	mg/Kg	17	mg/Kg
Molybdenum	15.9	mg/Kg	75	mg/Kg*
Nickel	31.7	mg/Kg	420	mg/Kg
Selenium	4.30	mg/Kg	36	mg/Kg
Zinc	786	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.92	Wt %		
Date of Sample	28-FEB-2006			
Total Solids	29.1	Wt %		
Volatile Solids	58.7	Wt %		

ts for Molybdenum based on 40 CFR part 503.13 Table 1.

on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in scribed sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

3/28/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of March 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

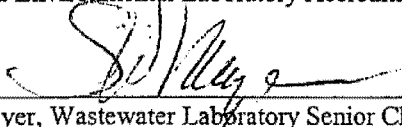
1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

59.2% Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

61.7% Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

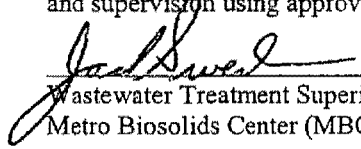
Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)


Steve Meyer, Wastewater Laboratory Senior Chemist

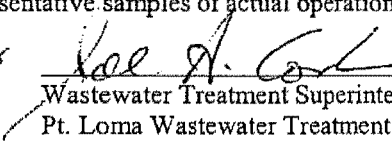
Date 4/26/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.


Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

Date

4-28-06


Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

Date

5-4-06

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By:


Deputy Director

Date

5/8/06

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for March 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for March 2006 for the Digester 7

Average Volatile Solids for March 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
57.3	76.7	59.2%

Average Volatile Solids for March 2006 for the MBC Dig 1

Average Volatile Solids for March 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
68.8	85.2	61.7%

start J:\xxcorelims\lims32\sql\sludge_tvs2
 Enter value for begdate: 01-MAR-2006
 Enter value for enddate: 31-MAR-2006

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-MAR-2006	RAW S1	TVS	76.3
02-MAR-2006	RAW S2	TVS	70.3
02-MAR-2006	RAW S3	TVS	74.2
05-MAR-2006	RAW S1	TVS	77.0
05-MAR-2006	RAW S2	TVS	77.0
05-MAR-2006	RAW S3	TVS	75.0
07-MAR-2006	RAW S1	TVS	77.5
07-MAR-2006	RAW S2	TVS	77.8
07-MAR-2006	RAW S3	TVS	77.1
09-MAR-2006	RAW S1	TVS	77.8
09-MAR-2006	RAW S2	TVS	78.1
09-MAR-2006	RAW S3	TVS	76.5
12-MAR-2006	RAW S1	TVS	75.1
12-MAR-2006	RAW S2	TVS	75.1
12-MAR-2006	RAW S3	TVS	74.4
14-MAR-2006	RAW S1	TVS	76.9
14-MAR-2006	RAW S2	TVS	75.1
14-MAR-2006	RAW S3	TVS	75.1
16-MAR-2006	RAW S1	TVS	76.4
16-MAR-2006	RAW S2	TVS	76.6
16-MAR-2006	RAW S3	TVS	77.5
19-MAR-2006	RAW S1	TVS	76.9
19-MAR-2006	RAW S2	TVS	78.5
19-MAR-2006	RAW S3	TVS	76.5
21-MAR-2006	RAW S1	TVS	78.1
21-MAR-2006	RAW S2	TVS	78.3
21-MAR-2006	RAW S3	TVS	74.4
23-MAR-2006	RAW S1	TVS	77.6
23-MAR-2006	RAW S2	TVS	77.5
23-MAR-2006	RAW S3	TVS	77.2
26-MAR-2006	RAW S1	TVS	78.9
26-MAR-2006	RAW S2	TVS	78.6
26-MAR-2006	RAW S3	TVS	77.2
28-MAR-2006	RAW S1	TVS	78.2
28-MAR-2006	RAW S2	TVS	78.5
28-MAR-2006	RAW S3	TVS	76.9
avg			76.7

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-MAR-2006	PLDIG7	TVS	55.7
02-MAR-2006	PLDIG7	TVS	57.4
02-MAR-2006	PLDIG7	TVS	57.4
02-MAR-2006	PLDIG7	TVS	57.0
03-MAR-2006	PLDIG7	TVS	57.1
05-MAR-2006	PLDIG7	TVS	56.9
05-MAR-2006	PLDIG7	TVS	56.4
06-MAR-2006	PLDIG7	TVS	56.3
07-MAR-2006	PLDIG7	TVS	56.5
07-MAR-2006	PLDIG7	TVS	56.5
07-MAR-2006	PLDIG7	TVS	56.2
08-MAR-2006	PLDIG7	TVS	56.4
09-MAR-2006	PLDIG7	TVS	56.8
09-MAR-2006	PLDIG7	TVS	57.4
09-MAR-2006	PLDIG7	TVS	57.4
09-MAR-2006	PLDIG7	TVS	57.4
10-MAR-2006	PLDIG7	TVS	56.5
12-MAR-2006	PLDIG7	TVS	56.5
12-MAR-2006	PLDIG7	TVS	56.8
13-MAR-2006	PLDIG7	TVS	57.6
14-MAR-2006	PLDIG7	TVS	57.4
14-MAR-2006	PLDIG7	TVS	57.5
14-MAR-2006	PLDIG7	TVS	57.4
15-MAR-2006	PLDIG7	TVS	57.5
16-MAR-2006	PLDIG7	TVS	56.3
16-MAR-2006	PLDIG7	TVS	58.6
16-MAR-2006	PLDIG7	TVS	58.9
17-MAR-2006	PLDIG7	TVS	56.9
19-MAR-2006	PLDIG7	TVS	58.5
19-MAR-2006	PLDIG7	TVS	59.5
20-MAR-2006	PLDIG7	TVS	56.5
21-MAR-2006	PLDIG7	TVS	57.5
21-MAR-2006	PLDIG7	TVS	59.4
21-MAR-2006	PLDIG7	TVS	58.2
22-MAR-2006	PLDIG7	TVS	57.6
23-MAR-2006	PLDIG7	TVS	57.1
23-MAR-2006	PLDIG7	TVS	57.6
23-MAR-2006	PLDIG7	TVS	58.0
24-MAR-2006	PLDIG7	TVS	57.3
26-MAR-2006	PLDIG7	TVS	57.7
26-MAR-2006	PLDIG7	TVS	57.4
27-MAR-2006	PLDIG7	TVS	57.8
28-MAR-2006	PLDIG7	TVS	57.0

28-MAR-2006	PLDIG7	TVS	56.6
28-MAR-2006	PLDIG7	TVS	56.9
29-MAR-2006	PLDIG7	TVS	56.4
30-MAR-2006	PLDIG7	TVS	58.6
avg			57.3

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-MAR-2006	MBC_DIG1	TVS	68.8
02-MAR-2006	MBC_DIG1	TVS	68.6
05-MAR-2006	MBC_DIG1	TVS	70.1
05-MAR-2006	MBC_DIG1	TVS	70.3
07-MAR-2006	MBC_DIG1	TVS	68.9
07-MAR-2006	MBC_DIG1	TVS	69.0
09-MAR-2006	MBC_DIG1	TVS	68.2
09-MAR-2006	MBC_DIG1	TVS	68.0
12-MAR-2006	MBC_DIG1	TVS	67.8
12-MAR-2006	MBC_DIG1	TVS	67.7
14-MAR-2006	MBC_DIG1	TVS	70.9
14-MAR-2006	MBC_DIG1	TVS	71.2
16-MAR-2006	MBC_DIG1	TVS	68.3
16-MAR-2006	MBC_DIG1	TVS	67.7
19-MAR-2006	MBC_DIG1	TVS	68.3
19-MAR-2006	MBC_DIG1	TVS	68.2
21-MAR-2006	MBC_DIG1	TVS	68.8
21-MAR-2006	MBC_DIG1	TVS	68.7
23-MAR-2006	MBC_DIG1	TVS	69.0
23-MAR-2006	MBC_DIG1	TVS	69.0
26-MAR-2006	MBC_DIG1	TVS	68.3
26-MAR-2006	MBC_DIG1	TVS	68.0
28-MAR-2006	MBC_DIG1	TVS	69.0
28-MAR-2006	MBC_DIG1	TVS	69.4
30-MAR-2006	MBC_DIG1	TVS	68.0
avg			68.8

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-MAR-2006	MBC_TSBTC	TVS	85.2
02-MAR-2006	MBC_TSBTC	TVS	84.8
03-MAR-2006	MBC_TSBTC	TVS	84.4
04-MAR-2006	MBC_TSBTC	TVS	84.9
06-MAR-2006	MBC_TSBTC	TVS	84.5
08-MAR-2006	MBC_TSBTC	TVS	83.9
09-MAR-2006	MBC_TSBTC	TVS	85.2
10-MAR-2006	MBC_TSBTC	TVS	85.5
11-MAR-2006	MBC_TSBTC	TVS	84.5
12-MAR-2006	MBC_TSBTC	TVS	82.5
13-MAR-2006	MBC_TSBTC	TVS	82.7
14-MAR-2006	MBC_TSBTC	TVS	85.5
15-MAR-2006	MBC_TSBTC	TVS	85.0
16-MAR-2006	MBC_TSBTC	TVS	83.8
17-MAR-2006	MBC_TSBTC	TVS	85.1
18-MAR-2006	MBC_TSBTC	TVS	85.6
19-MAR-2006	MBC_TSBTC	TVS	85.3
20-MAR-2006	MBC_TSBTC	TVS	85.0
21-MAR-2006	MBC_TSBTC	TVS	85.0
22-MAR-2006	MBC_TSBTC	TVS	84.9
23-MAR-2006	MBC_TSBTC	TVS	85.8
24-MAR-2006	MBC_TSBTC	TVS	87.7
25-MAR-2006	MBC_TSBTC	TVS	87.3
26-MAR-2006	MBC_TSBTC	TVS	86.9
27-MAR-2006	MBC_TSBTC	TVS	86.9
28-MAR-2006	MBC_TSBTC	TVS	86.9
29-MAR-2006	MBC_TSBTC	TVS	87.1
30-MAR-2006	MBC_TSBTC	TVS	85.1
31-MAR-2006	MBC_TSBTC	TVS	84.7
avg			85.2

29 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - Centrifuge Dewatered Sludge

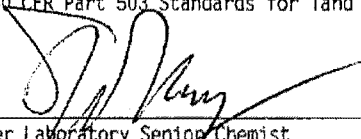
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of March 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	4.42	mg/Kg	41	mg/Kg
Cadmium	3.59	mg/Kg	39	mg/Kg
Chromium	51.9	mg/Kg	1,200	mg/Kg
Copper	725	mg/Kg	1,500	mg/Kg
Lead	25.6	mg/Kg	300	mg/Kg
Mercury	1.35	mg/Kg	17	mg/Kg
Molybdenum	19.0	mg/Kg	75	mg/Kg*
Nickel	30.0	mg/Kg	420	mg/Kg
Selenium	4.60	mg/Kg	36	mg/Kg
Zinc	1050	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.3	Wt %		
Date of Sample	31-MAR-2006			
Total Solids	28.4	Wt %		
Volatile Solids	57.6	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

4/26/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of April 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

61.3% Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

62.1% Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

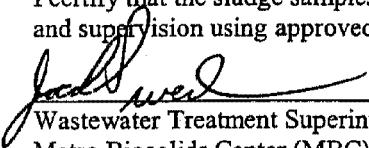
Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)

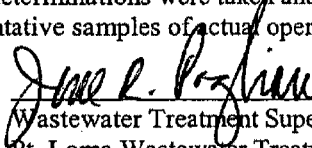

Steve Meyer, Wastewater Laboratory Senior Chemist

Date 5/26/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.


Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

5-31-06
Date


Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

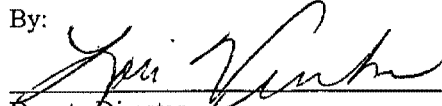
6/12/06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By:


Deputy Director
Operations and Maintenance Division, Metropolitan Wastewater Department

6/12/06
Date

FVSR (Fractional Volatile Solids Reduction)

Calculations for April 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for April 2006 for the Digester 7

Average Volatile Solids for April 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
57.0	77.4	61.3%

Average Volatile Solids for April 2006 for the MBC Dig 1

Average Volatile Solids for April 2006 for Raw Feed Sludge
(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
66.9	84.2	62.1%

start J:\xxcorelims\lims32\sql\sludge_tvs2
 Enter value for begdate: 01-apr-2006
 Enter value for enddate: 30-apr-2006

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-APR-2006	RAW S1	TVS	70.3
02-APR-2006	RAW S2	TVS	73.1
02-APR-2006	RAW S3	TVS	76.4
04-APR-2006	RAW S1	TVS	77.8
04-APR-2006	RAW S2	TVS	71.7
04-APR-2006	RAW S3	TVS	77.2
06-APR-2006	RAW S1	TVS	75.9
06-APR-2006	RAW S2	TVS	76.5
06-APR-2006	RAW S3	TVS	75.6
09-APR-2006	RAW S1	TVS	78.1
09-APR-2006	RAW S2	TVS	78.0
09-APR-2006	RAW S3	TVS	76.1
11-APR-2006	RAW S1	TVS	75.2
11-APR-2006	RAW S2	TVS	78.0
11-APR-2006	RAW S3	TVS	78.2
13-APR-2006	RAW S1	TVS	77.3
13-APR-2006	RAW S2	TVS	77.7
13-APR-2006	RAW S3	TVS	77.4
16-APR-2006	RAW S1	TVS	78.5
16-APR-2006	RAW S2	TVS	79.1
16-APR-2006	RAW S3	TVS	77.1
18-APR-2006	RAW S1	TVS	78.1
18-APR-2006	RAW S2	TVS	78.7
18-APR-2006	RAW S3	TVS	77.7
20-APR-2006	RAW S1	TVS	79.2
20-APR-2006	RAW S2	TVS	79.0
20-APR-2006	RAW S3	TVS	78.0
23-APR-2006	RAW S1	TVS	78.6
23-APR-2006	RAW S2	TVS	78.9
23-APR-2006	RAW S3	TVS	76.6
25-APR-2006	RAW S1	TVS	78.7
25-APR-2006	RAW S2	TVS	78.8
25-APR-2006	RAW S3	TVS	77.1
27-APR-2006	RAW S1	TVS	79.0
27-APR-2006	RAW S2	TVS	78.5
27-APR-2006	RAW S3	TVS	77.4
30-APR-2006	RAW S1	TVS	79.7
30-APR-2006	RAW S2	TVS	80.5
30-APR-2006	RAW S3	TVS	79.0

avg 77.4

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-APR-2006	PLDIG7	TVS	57.1
02-APR-2006	PLDIG7	TVS	56.6
03-APR-2006	PLDIG7	TVS	57.0
04-APR-2006	PLDIG7	TVS	58.2
04-APR-2006	PLDIG7	TVS	55.4
04-APR-2006	PLDIG7	TVS	55.2
05-APR-2006	PLDIG7	TVS	57.8
06-APR-2006	PLDIG7	TVS	57.4
06-APR-2006	PLDIG7	TVS	56.8
06-APR-2006	PLDIG7	TVS	56.5
07-APR-2006	PLDIG7	TVS	57.3
09-APR-2006	PLDIG7	TVS	56.3
09-APR-2006	PLDIG7	TVS	56.1
10-APR-2006	PLDIG7	TVS	56.7
11-APR-2006	PLDIG7	TVS	54.6
11-APR-2006	PLDIG7	TVS	55.9
11-APR-2006	PLDIG7	TVS	55.6
12-APR-2006	PLDIG7	TVS	56.8
13-APR-2006	PLDIG7	TVS	57.8
13-APR-2006	PLDIG7	TVS	57.3
13-APR-2006	PLDIG7	TVS	57.7
14-APR-2006	PLDIG7	TVS	56.2
16-APR-2006	PLDIG7	TVS	57.2
16-APR-2006	PLDIG7	TVS	57.8
17-APR-2006	PLDIG7	TVS	57.7
18-APR-2006	PLDIG7	TVS	57.1
18-APR-2006	PLDIG7	TVS	56.5
18-APR-2006	PLDIG7	TVS	57.8
19-APR-2006	PLDIG7	TVS	56.9
20-APR-2006	PLDIG7	TVS	57.4
20-APR-2006	PLDIG7	TVS	57.1
20-APR-2006	PLDIG7	TVS	57.7
21-APR-2006	PLDIG7	TVS	57.9
23-APR-2006	PLDIG7	TVS	56.9
23-APR-2006	PLDIG7	TVS	56.5
24-APR-2006	PLDIG7	TVS	56.8
25-APR-2006	PLDIG7	TVS	57.1
25-APR-2006	PLDIG7	TVS	56.5
25-APR-2006	PLDIG7	TVS	56.5

26-APR-2006	PLDIG7	TVS	57.9
27-APR-2006	PLDIG7	TVS	56.5
27-APR-2006	PLDIG7	TVS	59.0
27-APR-2006	PLDIG7	TVS	58.9
28-APR-2006	PLDIG7	TVS	59.0
30-APR-2006	PLDIG7	TVS	57.1
30-APR-2006	PLDIG7	TVS	57.7

avg 57.0

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-APR-2006	MBC_DIG1	TVS	68.6
02-APR-2006	MBC_DIG1	TVS	68.3
04-APR-2006	MBC_DIG1	TVS	68.8
04-APR-2006	MBC_DIG1	TVS	68.8
06-APR-2006	MBC_DIG1	TVS	68.1
06-APR-2006	MBC_DIG1	TVS	67.9
09-APR-2006	MBC_DIG1	TVS	67.9
09-APR-2006	MBC_DIG1	TVS	67.8
11-APR-2006	MBC_DIG1	TVS	67.4
11-APR-2006	MBC_DIG1	TVS	67.2
13-APR-2006	MBC_DIG1	TVS	66.9
13-APR-2006	MBC_DIG1	TVS	66.4
16-APR-2006	MBC_DIG1	TVS	67.1
16-APR-2006	MBC_DIG1	TVS	66.9
18-APR-2006	MBC_DIG1	TVS	67.6
18-APR-2006	MBC_DIG1	TVS	67.7
20-APR-2006	MBC_DIG1	TVS	66.1
20-APR-2006	MBC_DIG1	TVS	65.8
23-APR-2006	MBC_DIG1	TVS	65.5
23-APR-2006	MBC_DIG1	TVS	65.4
25-APR-2006	MBC_DIG1	TVS	63.5
25-APR-2006	MBC_DIG1	TVS	63.1
27-APR-2006	MBC_DIG1	TVS	66.5
27-APR-2006	MBC_DIG1	TVS	66.1
30-APR-2006	MBC_DIG1	TVS	66.9
30-APR-2006	MBC_DIG1	TVS	66.9

avg 66.9

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-APR-2006	MBC_TSBTC	TVS	84.6
02-APR-2006	MBC_TSBTC	TVS	84.5
03-APR-2006	MBC_TSBTC	TVS	86.1
04-APR-2006	MBC_TSBTC	TVS	86.5
05-APR-2006	MBC_TSBTC	TVS	85.2
06-APR-2006	MBC_TSBTC	TVS	85.0
07-APR-2006	MBC_TSBTC	TVS	85.9
08-APR-2006	MBC_TSBTC	TVS	85.2
09-APR-2006	MBC_TSBTC	TVS	84.5
10-APR-2006	MBC_TSBTC	TVS	85.1
11-APR-2006	MBC_TSBTC	TVS	85.3
14-APR-2006	MBC_TSBTC	TVS	85.1
15-APR-2006	MBC_TSBTC	TVS	84.7
16-APR-2006	MBC_TSBTC	TVS	84.2
17-APR-2006	MBC_TSBTC	TVS	83.1
18-APR-2006	MBC_TSBTC	TVS	83.5
19-APR-2006	MBC_TSBTC	TVS	82.6
20-APR-2006	MBC_TSBTC	TVS	81.9
21-APR-2006	MBC_TSBTC	TVS	83.5
22-APR-2006	MBC_TSBTC	TVS	83.2
23-APR-2006	MBC_TSBTC	TVS	82.6
24-APR-2006	MBC_TSBTC	TVS	78.2
25-APR-2006	MBC_TSBTC	TVS	84.5
26-APR-2006	MBC_TSBTC	TVS	85.0
27-APR-2006	MBC_TSBTC	TVS	83.3
28-APR-2006	MBC_TSBTC	TVS	84.6
29-APR-2006	MBC_TSBTC	TVS	84.9
30-APR-2006	MBC_TSBTC	TVS	84.1

avg 84.2

28 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*


I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of April 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	4.80	mg/Kg	41	mg/Kg
Cadmium	2.28	mg/Kg	39	mg/Kg
Chromium	51.6	mg/Kg	1,200	mg/Kg
Copper	573	mg/Kg	1,500	mg/Kg
Lead	28.9	mg/Kg	300	mg/Kg
Mercury	1.67	mg/Kg	17	mg/Kg
Molybdenum	31.3	mg/Kg	75	mg/Kg*
Nickel	34.3	mg/Kg	420	mg/Kg
Selenium	5.18	mg/Kg	36	mg/Kg
Zinc	1250	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.5	Wt %		
Date of Sample	30-APR-2006			
Total Solids	28.9	Wt %		
Volatile Solids	57.5	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

5/26/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of MAY 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

61.6% Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

57.5% Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

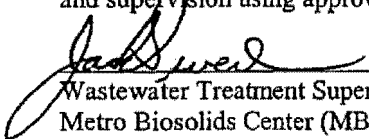
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Laboratory Senior Chemist

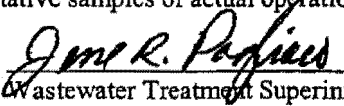
Date 6/28/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

7-16-06
Date



Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

7/12/06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By:



Deputy Director

7/12/06
Date

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for May 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for May 2006 for the Digester 7

Average Volatile Solids for May 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
57.1	77.6	61.6%

Average Volatile Solids for May 2006 for the MBC Dig 1

Average Volatile Solids for May 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
67.5	83	57.5%

start J:\xxcorelims\lims32\sql\sludge_tvs2
 Enter value for begdate: 01-MAY-2006
 Enter value for enddate: 31-MAY-2006

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-MAY-2006	RAW S1	TVS	78.7
02-MAY-2006	RAW S2	TVS	78.6
02-MAY-2006	RAW S3	TVS	76.9
04-MAY-2006	RAW S1	TVS	78.4
04-MAY-2006	RAW S2	TVS	78.2
04-MAY-2006	RAW S3	TVS	77.3
09-MAY-2006	RAW COMP	TVS	77.3
09-MAY-2006	RAW S1	TVS	77.7
09-MAY-2006	RAW S2	TVS	71.1
09-MAY-2006	RAW S3	TVS	76.2
11-MAY-2006	RAW S1	TVS	78.8
11-MAY-2006	RAW S2	TVS	79.3
11-MAY-2006	RAW S3	TVS	78.1
14-MAY-2006	RAW S1	TVS	72.7
14-MAY-2006	RAW S2	TVS	78.0
14-MAY-2006	RAW S3	TVS	76.4
16-MAY-2006	RAW S1	TVS	76.9
16-MAY-2006	RAW S2	TVS	77.1
16-MAY-2006	RAW S3	TVS	76.7
18-MAY-2006	RAW S1	TVS	78.3
18-MAY-2006	RAW S2	TVS	78.6
18-MAY-2006	RAW S3	TVS	77.8
21-MAY-2006	RAW S1	TVS	79.5
21-MAY-2006	RAW S2	TVS	80.7
21-MAY-2006	RAW S3	TVS	77.9
23-MAY-2006	RAW S1	TVS	78.1
23-MAY-2006	RAW S2	TVS	77.6
23-MAY-2006	RAW S3	TVS	78.1
25-MAY-2006	RAW S1	TVS	76.9
25-MAY-2006	RAW S2	TVS	77.5
25-MAY-2006	RAW S3	TVS	76.2
30-MAY-2006	RAW S1	TVS	78.8
30-MAY-2006	RAW S2	TVS	79.2
30-MAY-2006	RAW S3	TVS	77.6
avg			77.6

34 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-MAY-2006	PLDIG7	TVS	57.1
02-MAY-2006	PLDIG7	TVS	56.5
02-MAY-2006	PLDIG7	TVS	57.1
02-MAY-2006	PLDIG7	TVS	56.8
03-MAY-2006	PLDIG7	TVS	56.7
04-MAY-2006	PLDIG7	TVS	56.5
04-MAY-2006	PLDIG7	TVS	57.8
04-MAY-2006	PLDIG7	TVS	58.4
05-MAY-2006	PLDIG7	TVS	57.5
09-MAY-2006	PLDIG7	TVS	56.6
09-MAY-2006	PLDIG7	TVS	57.8
09-MAY-2006	PLDIG7	TVS	57.3
10-MAY-2006	PLDIG7	TVS	58.3
11-MAY-2006	PLDIG7	TVS	57.8
11-MAY-2006	PLDIG7	TVS	59.0
11-MAY-2006	PLDIG7	TVS	58.3
12-MAY-2006	PLDIG7	TVS	57.7
14-MAY-2006	PLDIG7	TVS	57.6
14-MAY-2006	PLDIG7	TVS	57.3
15-MAY-2006	PLDIG7	TVS	57.6
16-MAY-2006	PLDIG7	TVS	56.5
16-MAY-2006	PLDIG7	TVS	55.6
16-MAY-2006	PLDIG7	TVS	56.7
17-MAY-2006	PLDIG7	TVS	56.8
18-MAY-2006	PLDIG7	TVS	55.7
18-MAY-2006	PLDIG7	TVS	57.4
18-MAY-2006	PLDIG7	TVS	56.9
19-MAY-2006	PLDIG7	TVS	57.3
21-MAY-2006	PLDIG7	TVS	55.7
21-MAY-2006	PLDIG7	TVS	56.7
22-MAY-2006	PLDIG7	TVS	57.1
23-MAY-2006	PLDIG7	TVS	55.4
23-MAY-2006	PLDIG7	TVS	59.8
23-MAY-2006	PLDIG7	TVS	59.2
24-MAY-2006	PLDIG7	TVS	58.2
25-MAY-2006	PLDIG7	TVS	54.9
25-MAY-2006	PLDIG7	TVS	57.1
25-MAY-2006	PLDIG7	TVS	56.8
26-MAY-2006	PLDIG7	TVS	57.9
30-MAY-2006	PLDIG7	TVS	54.7
30-MAY-2006	PLDIG7	TVS	55.9
30-MAY-2006	PLDIG7	TVS	56.5

31-MAY-2006 PLDIG7 TVS 56.7
 avg 57.1

43 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-MAY-2006	MBC DIG1	TVS	67.0
02-MAY-2006	MBC DIG1	TVS	66.8
04-MAY-2006	MBC DIG1	TVS	67.1
04-MAY-2006	MBC DIG1	TVS	67.2
07-MAY-2006	MBC DIG1	TVS	67.2
07-MAY-2006	MBC DIG1	TVS	67.3
09-MAY-2006	MBC DIG1	TVS	65.8
09-MAY-2006	MBC DIG1	TVS	65.9
11-MAY-2006	MBC DIG1	TVS	67.4
11-MAY-2006	MBC DIG1	TVS	66.1
14-MAY-2006	MBC DIG1	TVS	67.9
14-MAY-2006	MBC DIG1	TVS	68.2
16-MAY-2006	MBC DIG1	TVS	69.1
16-MAY-2006	MBC DIG1	TVS	69.2
18-MAY-2006	MBC DIG1	TVS	66.9
18-MAY-2006	MBC DIG1	TVS	66.9
21-MAY-2006	MBC DIG1	TVS	69.0
21-MAY-2006	MBC DIG1	TVS	69.0
23-MAY-2006	MBC DIG1	TVS	68.0
23-MAY-2006	MBC DIG1	TVS	67.9
25-MAY-2006	MBC DIG1	TVS	67.6
25-MAY-2006	MBC DIG1	TVS	67.2
28-MAY-2006	MBC DIG1	TVS	67.6
28-MAY-2006	MBC DIG1	TVS	68.0
30-MAY-2006	MBC DIG1	TVS	67.1
30-MAY-2006	MBC DIG1	TVS	67.2
avg			67.5

26 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-MAY-2006	MBC TSBTC	TVS	84.0
03-MAY-2006	MBC TSBTC	TVS	84.5
03-MAY-2006	MBC TSBTC	TVS	84.5
04-MAY-2006	MBC TSBTC	TVS	83.3
05-MAY-2006	MBC TSBTC	TVS	84.7
06-MAY-2006	MBC TSBTC	TVS	86.4
07-MAY-2006	MBC TSBTC	TVS	83.8
08-MAY-2006	MBC TSBTC	TVS	84.7
09-MAY-2006	MBC TSBTC	TVS	82.5
12-MAY-2006	MBC TSBTC	TVS	84.6
13-MAY-2006	MBC TSBTC	TVS	84.4
14-MAY-2006	MBC TSBTC	TVS	82.3
15-MAY-2006	MBC TSBTC	TVS	83.4
16-MAY-2006	MBC TSBTC	TVS	84.6
17-MAY-2006	MBC TSBTC	TVS	84.9
18-MAY-2006	MBC TSBTC	TVS	84.5
19-MAY-2006	MBC TSBTC	TVS	83.9
20-MAY-2006	MBC TSBTC	TVS	82.2
21-MAY-2006	MBC TSBTC	TVS	82.0
22-MAY-2006	MBC TSBTC	TVS	84.6
23-MAY-2006	MBC TSBTC	TVS	82.1
24-MAY-2006	MBC TSBTC	TVS	79.9
25-MAY-2006	MBC TSBTC	TVS	78.2
26-MAY-2006	MBC TSBTC	TVS	79.0
27-MAY-2006	MBC TSBTC	TVS	79.3
28-MAY-2006	MBC TSBTC	TVS	79.7
29-MAY-2006	MBC TSBTC	TVS	79.3
30-MAY-2006	MBC TSBTC	TVS	84.7
31-MAY-2006	MBC TSBTC	TVS	83.8
avg			83.0

29 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - Centrifuge Dewatered Sludge

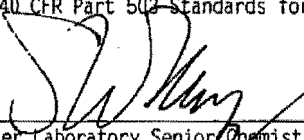
I. **INORGANIC POLLUTANT CONCENTRATIONS:** The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of May 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	3.44	mg/Kg	41	mg/Kg
Cadmium	2.11	mg/Kg	39	mg/Kg
Chromium	45.0	mg/Kg	1,200	mg/Kg
Copper	646	mg/Kg	1,500	mg/Kg
Lead	24.6	mg/Kg	300	mg/Kg
Mercury	1.33	mg/Kg	17	mg/Kg
Molybdenum	18.7	mg/Kg	75	mg/Kg*
Nickel	32.6	mg/Kg	420	mg/Kg
Selenium	5.46	mg/Kg	36	mg/Kg
Zinc	1130	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.9	Wt %		
Date of Sample	31-MAY-2006			
Total Solids	27.9	Wt %		
Volatile Solids	57.6	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

6/28/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of June 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

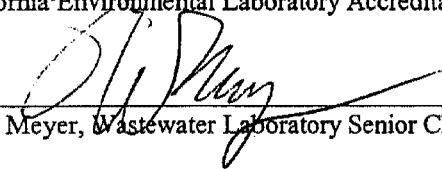
1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

63.2% Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

61.2% Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

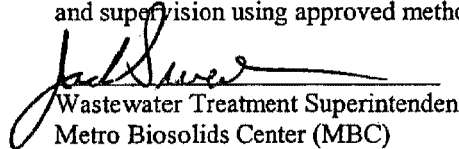
Both streams do / ~~do not~~ meet 38% FVSR criteria.

The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)


Steve Meyer, Wastewater Laboratory Senior Chemist

Date 7/28/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.


Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

8-1-06
Date


Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant


8/1/06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By:


Deputy Director

8/1/06
Date

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for June 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for June 2006 for the Digester 7

Average Volatile Solids for June 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
56.3	77.8	63.2%

Average Volatile Solids for June 2006 for the MBC Dig 1

Average Volatile Solids for June 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
67.1	84	61.2%

Enter value for begdate: 01-JUN-2006
 Enter value for enddate: 30-JUN-2006

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JUN-2006	RAW S1	TVS	76.6
01-JUN-2006	RAW S2	TVS	77.9
01-JUN-2006	RAW S3	TVS	75.9
04-JUN-2006	RAW S1	TVS	79.0
04-JUN-2006	RAW S2	TVS	79.5
04-JUN-2006	RAW S3	TVS	77.8
06-JUN-2006	RAW S1	TVS	79.0
06-JUN-2006	RAW S2	TVS	79.1
06-JUN-2006	RAW S3	TVS	78.0
08-JUN-2006	RAW S1	TVS	77.9
08-JUN-2006	RAW S2	TVS	78.6
08-JUN-2006	RAW S3	TVS	77.6
11-JUN-2006	RAW S1	TVS	79.3
11-JUN-2006	RAW S2	TVS	77.3
11-JUN-2006	RAW S3	TVS	75.9
13-JUN-2006	RAW S1	TVS	77.9
13-JUN-2006	RAW S2	TVS	78.0
13-JUN-2006	RAW S3	TVS	76.0
15-JUN-2006	RAW S1	TVS	78.9
15-JUN-2006	RAW S2	TVS	75.5
15-JUN-2006	RAW S3	TVS	77.3
18-JUN-2006	RAW S1	TVS	77.6
18-JUN-2006	RAW S2	TVS	78.6
18-JUN-2006	RAW S3	TVS	75.9
20-JUN-2006	RAW S1	TVS	78.2
20-JUN-2006	RAW S2	TVS	78.9
20-JUN-2006	RAW S3	TVS	74.9
22-JUN-2006	RAW S1	TVS	79.2
22-JUN-2006	RAW S2	TVS	79.9
22-JUN-2006	RAW S3	TVS	76.7
25-JUN-2006	RAW S1	TVS	78.4
25-JUN-2006	RAW S2	TVS	79.7
25-JUN-2006	RAW S3	TVS	76.2
27-JUN-2006	RAW S1	TVS	77.7
27-JUN-2006	RAW S2	TVS	78.6
27-JUN-2006	RAW S3	TVS	75.3
29-JUN-2006	RAW S1	TVS	79.1
29-JUN-2006	RAW S2	TVS	79.7
29-JUN-2006	RAW S3	TVS	78.2
avg			77.8

39 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JUN-2006	PLDIG7	TVS	58.5
01-JUN-2006	PLDIG7	TVS	58.2
01-JUN-2006	PLDIG7	TVS	58.5
02-JUN-2006	PLDIG7	TVS	58.9
04-JUN-2006	PLDIG7	TVS	57.5
04-JUN-2006	PLDIG7	TVS	57.1
05-JUN-2006	PLDIG7	TVS	56.2
06-JUN-2006	PLDIG7	TVS	55.4
06-JUN-2006	PLDIG7	TVS	56.9
06-JUN-2006	PLDIG7	TVS	56.6
07-JUN-2006	PLDIG7	TVS	57.5
08-JUN-2006	PLDIG7	TVS	57.4
08-JUN-2006	PLDIG7	TVS	1.8
08-JUN-2006	PLDIG7	TVS	57.1
08-JUN-2006	PLDIG7	TVS	57.1
09-JUN-2006	PLDIG7	TVS	56.2
11-JUN-2006	PLDIG7	TVS	55.8
11-JUN-2006	PLDIG7	TVS	56.8
13-JUN-2006	PLDIG7	TVS	55.4
13-JUN-2006	PLDIG7	TVS	56.8
13-JUN-2006	PLDIG7	TVS	56.8
14-JUN-2006	PLDIG7	TVS	56.6
15-JUN-2006	PLDIG7	TVS	56.4
15-JUN-2006	PLDIG7	TVS	57.6
15-JUN-2006	PLDIG7	TVS	58.4
16-JUN-2006	PLDIG7	TVS	58.5
18-JUN-2006	PLDIG7	TVS	60.5
18-JUN-2006	PLDIG7	TVS	60.8
19-JUN-2006	PLDIG7	TVS	59.2
20-JUN-2006	PLDIG7	TVS	55.4
20-JUN-2006	PLDIG7	TVS	55.1
20-JUN-2006	PLDIG7	TVS	56.1
21-JUN-2006	PLDIG7	TVS	58.2
22-JUN-2006	PLDIG7	TVS	56.6
22-JUN-2006	PLDIG7	TVS	58.6
22-JUN-2006	PLDIG7	TVS	59.9
23-JUN-2006	PLDIG7	TVS	57.5
25-JUN-2006	PLDIG7	TVS	57.5

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
25-JUN-2006	PLDIG7	TVS	58.1
26-JUN-2006	PLDIG7	TVS	56.9
27-JUN-2006	PLDIG7	TVS	55.2
27-JUN-2006	PLDIG7	TVS	56.4
27-JUN-2006	PLDIG7	TVS	56.4
28-JUN-2006	PLDIG7	TVS	57.1
29-JUN-2006	PLDIG7	TVS	58.9
29-JUN-2006	PLDIG7	TVS	58.9
29-JUN-2006	PLDIG7	TVS	59.5
30-JUN-2006	PLDIG7	TVS	57.3
avg			56.3

48 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JUN-2006	MBC_DIG1	TVS	65.9
01-JUN-2006	MBC_DIG1	TVS	66.0
04-JUN-2006	MBC_DIG1	TVS	62.9
04-JUN-2006	MBC_DIG1	TVS	62.6
06-JUN-2006	MBC_DIG1	TVS	64.9
06-JUN-2006	MBC_DIG1	TVS	64.7
08-JUN-2006	MBC_DIG1	TVS	66.2
08-JUN-2006	MBC_DIG1	TVS	66.2
11-JUN-2006	MBC_DIG1	TVS	66.6
11-JUN-2006	MBC_DIG1	TVS	66.4
13-JUN-2006	MBC_DIG1	TVS	67.1
13-JUN-2006	MBC_DIG1	TVS	67.3
15-JUN-2006	MBC_DIG1	TVS	66.9
15-JUN-2006	MBC_DIG1	TVS	66.7
18-JUN-2006	MBC_DIG1	TVS	66.7
18-JUN-2006	MBC_DIG1	TVS	66.7
20-JUN-2006	MBC_DIG1	TVS	66.0
20-JUN-2006	MBC_DIG1	TVS	65.9
22-JUN-2006	MBC_DIG1	TVS	72.0
22-JUN-2006	MBC_DIG1	TVS	72.0
25-JUN-2006	MBC_DIG1	TVS	69.3
25-JUN-2006	MBC_DIG1	TVS	69.4
27-JUN-2006	MBC_DIG1	TVS	70.4
27-JUN-2006	MBC_DIG1	TVS	70.5
29-JUN-2006	MBC_DIG1	TVS	68.3
29-JUN-2006	MBC_DIG1	TVS	68.0
avg			67.1

26 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JUN-2006	MBC_TSBTC	TVS	84.2
07-JUN-2006	MBC_TSBTC	TVS	84.2
08-JUN-2006	MBC_TSBTC	TVS	85.5
09-JUN-2006	MBC_TSBTC	TVS	83.5
10-JUN-2006	MBC_TSBTC	TVS	83.8
11-JUN-2006	MBC_TSBTC	TVS	85.4
12-JUN-2006	MBC_TSBTC	TVS	85.4
13-JUN-2006	MBC_TSBTC	TVS	83.4
14-JUN-2006	MBC_TSBTC	TVS	82.8
15-JUN-2006	MBC_TSBTC	TVS	79.7
16-JUN-2006	MBC_TSBTC	TVS	83.2
17-JUN-2006	MBC_TSBTC	TVS	80.2
18-JUN-2006	MBC_TSBTC	TVS	79.6
19-JUN-2006	MBC_TSBTC	TVS	84.2
20-JUN-2006	MBC_TSBTC	TVS	84.6
21-JUN-2006	MBC_TSBTC	TVS	85.6
22-JUN-2006	MBC_TSBTC	TVS	84.5
23-JUN-2006	MBC_TSBTC	TVS	84.9
24-JUN-2006	MBC_TSBTC	TVS	84.9
25-JUN-2006	MBC_TSBTC	TVS	85.2
26-JUN-2006	MBC_TSBTC	TVS	85.7
27-JUN-2006	MBC_TSBTC	TVS	85.3
28-JUN-2006	MBC_TSBTC	TVS	85.2
29-JUN-2006	MBC_TSBTC	TVS	84.7
30-JUN-2006	MBC_TSBTC	TVS	84.4
avg			84.0

25 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA. Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

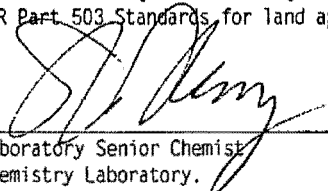
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of June 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	3.21	mg/Kg	41	mg/Kg
Cadmium	2.06	mg/Kg	39	mg/Kg
Chromium	50.2	mg/Kg	1,200	mg/Kg
Copper	701	mg/Kg	1,500	mg/Kg
Lead	25.1	mg/Kg	300	mg/Kg
Mercury	1.33	mg/Kg	17	mg/Kg
Molybdenum	17.5	mg/Kg	75	mg/Kg*
Nickel	49.3	mg/Kg	420	mg/Kg
Selenium	4.07	mg/Kg	36	mg/Kg
Zinc	1055	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.50	Wt %		
Date of Sample	30-JUNE-2006			
Total Solids	29.8	Wt %		
Volatile Solids	57.9	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

7/28/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of July 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

64.1 Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

57.8 Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

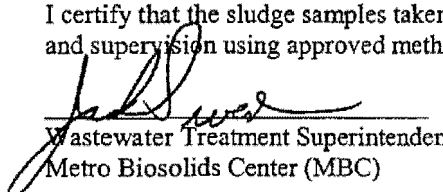
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Laboratory Senior Chemist

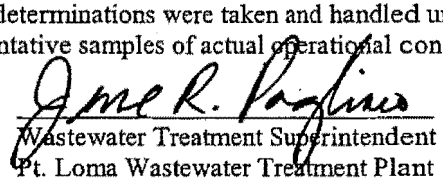
Date 8/25/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

8-31-06
Date



Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

9/7/06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

"I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

By:



Deputy Director

9/7/06
Date

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for July 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for July 2006 for the Digester 7

Average Volatile Solids for July 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
56.9	78.6	64.1%

Average Volatile Solids for July 2006 for the MBC Dig 1

Average Volatile Solids for July 2006 for Raw Feed Sludge
(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
65.8	82	57.8%

Enter value for begdate: 01-JUL-2006
 Enter value for enddate: 31-JUL-2006

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-JUL-2006	RAW S1	TVS	80.8
02-JUL-2006	RAW S2	TVS	81.3
02-JUL-2006	RAW S3	TVS	79.2
04-JUL-2006	RAW S2	TVS	81.8
04-JUL-2006	RAW S3	TVS	79.0
06-JUL-2006	RAW S1	TVS	79.6
06-JUL-2006	RAW S2	TVS	80.3
06-JUL-2006	RAW S3	TVS	80.3
09-JUL-2006	RAW S1	TVS	79.6
09-JUL-2006	RAW S2	TVS	81.5
09-JUL-2006	RAW S3	TVS	81.0
11-JUL-2006	RAW S1	TVS	80.2
11-JUL-2006	RAW S2	TVS	80.6
11-JUL-2006	RAW S3	TVS	78.8
13-JUL-2006	RAW S1	TVS	78.4
13-JUL-2006	RAW S2	TVS	77.6
13-JUL-2006	RAW S3	TVS	76.0
16-JUL-2006	RAW S1	TVS	77.3
16-JUL-2006	RAW S2	TVS	78.9
16-JUL-2006	RAW S3	TVS	76.0
18-JUL-2006	RAW S1	TVS	77.9
18-JUL-2006	RAW S2	TVS	78.4
18-JUL-2006	RAW S3	TVS	77.7
20-JUL-2006	RAW S1	TVS	77.6
20-JUL-2006	RAW S2	TVS	77.2
20-JUL-2006	RAW S3	TVS	77.2
23-JUL-2006	RAW S1	TVS	75.7
23-JUL-2006	RAW S2	TVS	79.1
23-JUL-2006	RAW S3	TVS	77.9
25-JUL-2006	RAW S1	TVS	78.8
25-JUL-2006	RAW S2	TVS	78.1
25-JUL-2006	RAW S3	TVS	75.9
27-JUL-2006	RAW S2	TVS	78.6
27-JUL-2006	RAW S3	TVS	75.6
28-JUL-2006	RAW S2	TVS	76.9
30-JUL-2006	RAW S1	TVS	77.9
30-JUL-2006	RAW S2	TVS	79.6
30-JUL-2006	RAW S3	TVS	76.8
avg			78.6

36 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-JUL-2006	PLDIG7	TVS	60.0
02-JUL-2006	PLDIG7	TVS	59.9
03-JUL-2006	PLDIG7	TVS	59.2
04-JUL-2006	PLDIG7	TVS	59.5
04-JUL-2006	PLDIG7	TVS	58.9
05-JUL-2006	PLDIG7	TVS	56.1
06-JUL-2006	PLDIG7	TVS	57.9
06-JUL-2006	PLDIG7	TVS	58.7
06-JUL-2006	PLDIG7	TVS	60.5
07-JUL-2006	PLDIG7	TVS	59.0
09-JUL-2006	PLDIG7	TVS	60.3
09-JUL-2006	PLDIG7	TVS	57.1
10-JUL-2006	PLDIG7	TVS	57.4
11-JUL-2006	PLDIG7	TVS	59.0
11-JUL-2006	PLDIG7	TVS	64.1
11-JUL-2006	PLDIG7	TVS	64.0
12-JUL-2006	PLDIG7	TVS	60.6
13-JUL-2006	PLDIG7	TVS	59.4
13-JUL-2006	PLDIG7	TVS	57.7
13-JUL-2006	PLDIG7	TVS	57.9
14-JUL-2006	PLDIG7	TVS	57.4
16-JUL-2006	PLDIG7	TVS	55.6
16-JUL-2006	PLDIG7	TVS	56.3
17-JUL-2006	PLDIG7	TVS	55.7
18-JUL-2006	PLDIG7	TVS	57.1
18-JUL-2006	PLDIG7	TVS	55.2
18-JUL-2006	PLDIG7	TVS	56.2
19-JUL-2006	PLDIG7	TVS	61.1
20-JUL-2006	PLDIG7	TVS	58.4
20-JUL-2006	PLDIG7	TVS	58.4
20-JUL-2006	PLDIG7	TVS	57.9
21-JUL-2006	PLDIG7	TVS	57.9
23-JUL-2006	PLDIG7	TVS	55.4
23-JUL-2006	PLDIG7	TVS	56.5
24-JUL-2006	PLDIG7	TVS	61.0
25-JUL-2006	PLDIG7	TVS	57.9
25-JUL-2006	PLDIG7	TVS	57.8
25-JUL-2006	PLDIG7	TVS	56.9
26-JUL-2006	PLDIG7	TVS	56.2

27-JUL-2006	PLDIG7	TVS	57.1
27-JUL-2006	PLDIG7	TVS	1.9
27-JUL-2006	PLDIG7	TVS	57.8
28-JUL-2006	PLDIG7	TVS	54.1
30-JUL-2006	PLDIG7	TVS	58.5
30-JUL-2006	PLDIG7	TVS	57.6
31-JUL-2006	PLDIG7	TVS	56.1
avg			56.9

46 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
02-JUL-2006	MBC_DIG1	TVS	52.5
02-JUL-2006	MBC_DIG1	TVS	52.1
04-JUL-2006	MBC_DIG1	TVS	68.2
04-JUL-2006	MBC_DIG1	TVS	68.3
06-JUL-2006	MBC_DIG1	TVS	70.1
06-JUL-2006	MBC_DIG1	TVS	70.0
09-JUL-2006	MBC_DIG1	TVS	66.0
09-JUL-2006	MBC_DIG1	TVS	66.1
11-JUL-2006	MBC_DIG1	TVS	65.8
11-JUL-2006	MBC_DIG1	TVS	65.8
13-JUL-2006	MBC_DIG1	TVS	65.6
13-JUL-2006	MBC_DIG1	TVS	65.5
16-JUL-2006	MBC_DIG1	TVS	66.4
16-JUL-2006	MBC_DIG1	TVS	66.6
18-JUL-2006	MBC_DIG1	TVS	65.5
18-JUL-2006	MBC_DIG1	TVS	65.3
20-JUL-2006	MBC_DIG1	TVS	68.9
20-JUL-2006	MBC_DIG1	TVS	68.4
23-JUL-2006	MBC_DIG1	TVS	67.8
23-JUL-2006	MBC_DIG1	TVS	67.9
25-JUL-2006	MBC_DIG1	TVS	66.3
25-JUL-2006	MBC_DIG1	TVS	66.2
27-JUL-2006	MBC_DIG1	TVS	65.3
27-JUL-2006	MBC_DIG1	TVS	65.5
31-JUL-2006	MBC_DIG1	TVS	67.1
31-JUL-2006	MBC_DIG1	TVS	66.9
avg			65.8

26 rows selected.

SAMPLE_DATE	SOURCE	ANALYTE	VALUE
01-JUL-2006	MBC_TSBTC	TVS	82.2
02-JUL-2006	MBC_TSBTC	TVS	81.6
03-JUL-2006	MBC_TSBTC	TVS	83.9
04-JUL-2006	MBC_TSBTC	TVS	83.4
05-JUL-2006	MBC_TSBTC	TVS	83.9
13-JUL-2006	MBC_TSBTC	TVS	79.5
14-JUL-2006	MBC_TSBTC	TVS	81.4
15-JUL-2006	MBC_TSBTC	TVS	82.6
16-JUL-2006	MBC_TSBTC	TVS	81.9
17-JUL-2006	MBC_TSBTC	TVS	82.6
18-JUL-2006	MBC_TSBTC	TVS	82.2
20-JUL-2006	MBC_TSBTC	TVS	83.5
21-JUL-2006	MBC_TSBTC	TVS	81.5
22-JUL-2006	MBC_TSBTC	TVS	82.5
23-JUL-2006	MBC_TSBTC	TVS	82.0
24-JUL-2006	MBC_TSBTC	TVS	83.9
25-JUL-2006	MBC_TSBTC	TVS	72.8
26-JUL-2006	MBC_TSBTC	TVS	82.6
27-JUL-2006	MBC_TSBTC	TVS	82.6
28-JUL-2006	MBC_TSBTC	TVS	82.5
29-JUL-2006	MBC_TSBTC	TVS	82.0
30-JUL-2006	MBC_TSBTC	TVS	81.5
31-JUL-2006	MBC_TSBTC	TVS	82.7
avg			82.0

23 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

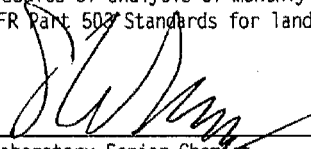
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of July 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	2.71	mg/Kg	41	mg/Kg
Cadmium	2.07	mg/Kg	39	mg/Kg
Chromium	61.6	mg/Kg	1,200	mg/Kg
Copper	744	mg/Kg	1,500	mg/Kg
Lead	26.5	mg/Kg	300	mg/Kg
Mercury	1.50	mg/Kg	17	mg/Kg
Molybdenum	20.3	mg/Kg	75	mg/Kg*
Nickel	58.8	mg/Kg	420	mg/Kg
Selenium	5.67	mg/Kg	36	mg/Kg
Zinc	1090	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.47	Wt %		
Date of Sample	31-JULY-2006			
Total Solids	28.7	Wt %		
Volatile Solids	57.9	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory
 California State ELAP Cert. No. 1609



 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of August 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
 2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
 3. Only MBC is using only Digester No. 1 for sludge processing.
- 61.7 Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

60.0 Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams do / ~~do not~~ meet 38% FVSR criteria.

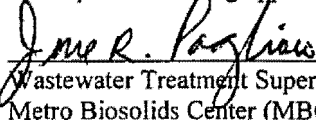
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Laboratory Senior Chemist

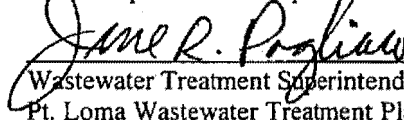
Date 9/29/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



James R. Proffice
Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

10/5/06
Date



James R. Proffice
Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant


10/5/06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

By:



Deputy Director
Operations and Maintenance Division, Metropolitan Wastewater Department

10/5/06
Date

FVSR (Fractional Volatile Solids Reduction)

Calculations for August 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for August 2006 for the Digester 7

Average Volatile Solids for August 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
57.6	78.0	61.7%

Average Volatile Solids for August 2006 for the MBC Dig 1

Average Volatile Solids for August 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
66	82.9	60.0%

Enter value for begdate: 01-AUG-2006
 Enter value for enddate: 31-AUG-2006
 old 4: and sample_date between '&&begdate' and '&&enddate'
 new 4: and sample_date between '01-AUG-2006' and '31-AUG-2006'

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-AUG-06	RAW S1	TVS	77.9
01-AUG-06	RAW S2	TVS	78.7
01-AUG-06	RAW S3	TVS	77.6
03-AUG-06	RAW S1	TVS	77.0
03-AUG-06	RAW S2	TVS	77.2
03-AUG-06	RAW S3	TVS	75.9
06-AUG-06	RAW S1	TVS	81.5
06-AUG-06	RAW S2	TVS	81.7
06-AUG-06	RAW S3	TVS	80.5
08-AUG-06	RAW COMP	TVS	78.7
08-AUG-06	RAW S1	TVS	78.7
08-AUG-06	RAW S2	TVS	79.3
08-AUG-06	RAW S3	TVS	77.8
10-AUG-06	RAW S1	TVS	77.7
10-AUG-06	RAW S2	TVS	78.1
10-AUG-06	RAW S3	TVS	77.5
13-AUG-06	RAW S1	TVS	79.3
13-AUG-06	RAW S2	TVS	79.5
13-AUG-06	RAW S3	TVS	77.5
15-AUG-06	RAW S1	TVS	77.1
15-AUG-06	RAW S2	TVS	78.2
15-AUG-06	RAW S3	TVS	74.6
17-AUG-06	RAW S1	TVS	75.9
17-AUG-06	RAW S2	TVS	78.2
20-AUG-06	RAW S1	TVS	79.0
20-AUG-06	RAW S2	TVS	80.4
20-AUG-06	RAW S3	TVS	79.3
22-AUG-06	RAW S1	TVS	77.9
22-AUG-06	RAW S2	TVS	77.6
22-AUG-06	RAW S3	TVS	77.7
24-AUG-06	RAW S1	TVS	78.6
24-AUG-06	RAW S2	TVS	79.2
24-AUG-06	RAW S3	TVS	77.1
27-AUG-06	RAW S1	TVS	77.7
27-AUG-06	RAW S2	TVS	78.0
27-AUG-06	RAW S3	TVS	75.4
29-AUG-06	RAW S1	TVS	78.5
29-AUG-06	RAW S3	TVS	77.5
31-AUG-06	RAW S1	TVS	76.0
31-AUG-06	RAW S2	TVS	77.3
31-AUG-06	RAW S3	TVS	74.9
avg			78.0

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-AUG-06	PLDIG7	TVS	56.8
01-AUG-06	PLDIG7	TVS	59.4
11-AUG-06	PLDIG7	TVS	58.2
12-AUG-06	PLDIG7	TVS	57.4
13-AUG-06	PLDIG7	TVS	57.0
04-AUG-06	PLDIG7	TVS	56.5
06-AUG-06	PLDIG7	TVS	63.3
06-AUG-06	PLDIG7	TVS	62.8
07-AUG-06	PLDIG7	TVS	59.3
08-AUG-06	PLDIG7	TVS	56.0
08-AUG-06	PLDIG7	TVS	57.9
08-AUG-06	PLDIG7	TVS	58.1
09-AUG-06	PLDIG7	TVS	56.9
10-AUG-06	PLDIG7	TVS	56.6
10-AUG-06	PLDIG7	TVS	56.9
10-AUG-06	PLDIG7	TVS	56.7
11-AUG-06	PLDIG7	TVS	56.1
13-AUG-06	PLDIG7	TVS	58.0
13-AUG-06	PLDIG7	TVS	57.8
14-AUG-06	PLDIG7	TVS	58.9
15-AUG-06	PLDIG7	TVS	53.6
16-AUG-06	PLDIG7	TVS	55.1
16-AUG-06	PLDIG7	TVS	54.2
17-AUG-06	PLDIG7	TVS	57.0
17-AUG-06	PLDIG7	TVS	59.4
17-AUG-06	PLDIG7	TVS	60.2
18-AUG-06	PLDIG7	TVS	60.5
20-AUG-06	PLDIG7	TVS	61.2
20-AUG-06	PLDIG7	TVS	61.4
21-AUG-06	PLDIG7	TVS	55.0
22-AUG-06	PLDIG7	TVS	58.4
22-AUG-06	PLDIG7	TVS	56.5
22-AUG-06	PLDIG7	TVS	56.4
23-AUG-06	PLDIG7	TVS	55.9

24-AUG-06	PLDIG7	TVS	56.7
24-AUG-06	PLDIG7	TVS	57.3
24-AUG-06	PLDIG7	TVS	57.9
25-AUG-06	PLDIG7	TVS	58.0
27-AUG-06	PLDIG7	TVS	57.1
27-AUG-06	PLDIG7	TVS	56.6
28-AUG-06	PLDIG7	TVS	51.6
29-AUG-06	PLDIG7	TVS	58.3
29-AUG-06	PLDIG7	TVS	57.1
29-AUG-06	PLDIG7	TVS	57.3
30-AUG-06	PLDIG7	TVS	58.3
31-AUG-06	PLDIG7	TVS	55.7
31-AUG-06	PLDIG7	TVS	58.7
31-AUG-06	PLDIG7	TVS	57.9
avg			57.6

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-AUG-06	MBC_DIG1	TVS	65.4
01-AUG-06	MBC_DIG1	TVS	65.5
03-AUG-06	MBC_DIG1	TVS	67.8
03-AUG-06	MBC_DIG1	TVS	67.9
06-AUG-06	MBC_DIG1	TVS	66.2
06-AUG-06	MBC_DIG1	TVS	66.6
08-AUG-06	MBC_DIG1	TVS	65.5
08-AUG-06	MBC_DIG1	TVS	65.6
10-AUG-06	MBC_DIG1	TVS	65.9
13-AUG-06	MBC_DIG1	TVS	65.8
13-AUG-06	MBC_DIG1	TVS	66.0
15-AUG-06	MBC_DIG1	TVS	65.0
15-AUG-06	MBC_DIG1	TVS	65.1
17-AUG-06	MBC_DIG1	TVS	66.7
17-AUG-06	MBC_DIG1	TVS	66.5
20-AUG-06	MBC_DIG1	TVS	66.7
20-AUG-06	MBC_DIG1	TVS	66.5
22-AUG-06	MBC_DIG1	TVS	66.8
22-AUG-06	MBC_DIG1	TVS	67.1
24-AUG-06	MBC_DIG1	TVS	66.0
24-AUG-06	MBC_DIG1	TVS	66.3
28-AUG-06	MBC_DIG1	TVS	66.0
28-AUG-06	MBC_DIG1	TVS	66.2
29-AUG-06	MBC_DIG1	TVS	65.2
29-AUG-06	MBC_DIG1	TVS	65.4
31-AUG-06	MBC_DIG1	TVS	64.8
31-AUG-06	MBC_DIG1	TVS	64.8
avg			66.0

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-AUG-06	MBC_TSBTC	TVS	82.3
02-AUG-06	MBC_TSBTC	TVS	82.6
03-AUG-06	MBC_TSBTC	TVS	84.3
04-AUG-06	MBC_TSBTC	TVS	83.9
05-AUG-06	MBC_TSBTC	TVS	83.6
06-AUG-06	MBC_TSBTC	TVS	82.9
07-AUG-06	MBC_TSBTC	TVS	82.7
08-AUG-06	MBC_TSBTC	TVS	82.6
09-AUG-06	MBC_TSBTC	TVS	82.9
10-AUG-06	MBC_TSBTC	TVS	82.1
11-AUG-06	MBC_TSBTC	TVS	82.5
12-AUG-06	MBC_TSBTC	TVS	82.2
13-AUG-06	MBC_TSBTC	TVS	81.5
14-AUG-06	MBC_TSBTC	TVS	82.3
15-AUG-06	MBC_TSBTC	TVS	83.5
16-AUG-06	MBC_TSBTC	TVS	83.4
17-AUG-06	MBC_TSBTC	TVS	82.7
18-AUG-06	MBC_TSBTC	TVS	81.4
19-AUG-06	MBC_TSBTC	TVS	83.6
20-AUG-06	MBC_TSBTC	TVS	82.8
21-AUG-06	MBC_TSBTC	TVS	83.0
22-AUG-06	MBC_TSBTC	TVS	83.5
23-AUG-06	MBC_TSBTC	TVS	83.7
24-AUG-06	MBC_TSBTC	TVS	82.8
25-AUG-06	MBC_TSBTC	TVS	83.5
26-AUG-06	MBC_TSBTC	TVS	82.7
27-AUG-06	MBC_TSBTC	TVS	82.0
28-AUG-06	MBC_TSBTC	TVS	82.6
29-AUG-06	MBC_TSBTC	TVS	83.4
30-AUG-06	MBC_TSBTC	TVS	84.1
31-AUG-06	MBC_TSBTC	TVS	82.1
avg			82.9

31 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA. Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

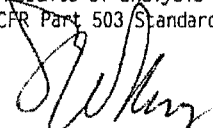
ANIONIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge
 ge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite
 nposite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of AUGUST 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	2.31	mg/Kg	41	mg/Kg
Cadmium	2.11	mg/Kg	39	mg/Kg
Chromium	75.4	mg/Kg	1,200	mg/Kg
Copper	756	mg/Kg	1,500	mg/Kg
Lead	24.7	mg/Kg	300	mg/Kg
Mercury	1.77	mg/Kg	17	mg/Kg
Molybdenum	20.2	mg/Kg	75	mg/Kg*
Nickel	68.4	mg/Kg	420	mg/Kg
Selenium	5.48	mg/Kg	36	mg/Kg
Zinc	923	mg/Kg	2,800	mg/Kg
Total Nitrogen	3.89	Wt %		
Date of Sample	31-AUGUST-2006			
Total Solids	27.9	Wt %		
Volatile Solids	56.9	Wt %		

molybdenum based on 40 CFR part 503.13 Table 1.

months analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in
 sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

9/29/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of September 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

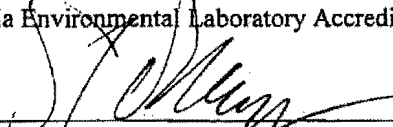
1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

59.3 Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

61.0 Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams do / ~~do not~~ meet 38% FVSR criteria.

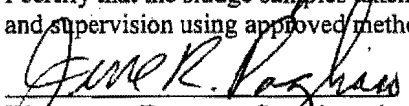
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



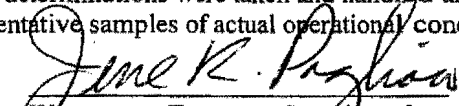
Steve Meyer, Wastewater Laboratory Senior Chemist

Date 10/27/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent Date 12/13/06
Metro Biosolids Center (MBC)




Wastewater Treatment Superintendent Date 12/13/06
Pt. Loma Wastewater Treatment Plant

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

By:



Deputy Director

12/13/06

Date

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for September 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for September 2006 for the Digester 7

Average Volatile Solids for September 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
56.7	76.3	59.3%

Average Volatile Solids for September 2006 for the MBC Dig 1

Average Volatile Solids for September 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
66.7	83.7	61.0%

Enter value for begdate: 01-SEP-2006
 Enter value for enddate: 30-SEP-2006
 old 4: and sample_date between '&&begdate' and '&&enddate'
 new 4: and sample_date between '01-SEP-2006' and '30-SEP-2006'

SAMPLE_DA	SOURCE	ANALYTE	VALUE
05-SEP-06	RAW S1	TVS	80.4
05-SEP-06	RAW S2	TVS	80.9
05-SEP-06	RAW S3	TVS	79.6
07-SEP-06	RAW S1	TVS	78.0
07-SEP-06	RAW S2	TVS	78.3
07-SEP-06	RAW S3	TVS	75.8
10-SEP-06	RAW S1	TVS	77.9
10-SEP-06	RAW S2	TVS	78.1
10-SEP-06	RAW S3	TVS	76.6
12-SEP-06	RAW S1	TVS	72.8
12-SEP-06	RAW S2	TVS	72.3
12-SEP-06	RAW S3	TVS	74.3
14-SEP-06	RAW S1	TVS	75.7
14-SEP-06	RAW S2	TVS	76.2
14-SEP-06	RAW S3	TVS	74.8
17-SEP-06	RAW S1	TVS	75.4
17-SEP-06	RAW S2	TVS	75.9
17-SEP-06	RAW S3	TVS	73.7
19-SEP-06	RAW S1	TVS	75.5
19-SEP-06	RAW S2	TVS	75.9
19-SEP-06	RAW S3	TVS	75.4
21-SEP-06	RAW S1	TVS	76.2
21-SEP-06	RAW S2	TVS	76.8
21-SEP-06	RAW S3	TVS	75.7
24-SEP-06	RAW S1	TVS	76.3
24-SEP-06	RAW S2	TVS	77.4
24-SEP-06	RAW S3	TVS	76.0
26-SEP-06	RAW S1	TVS	75.7
26-SEP-06	RAW S2	TVS	76.5
26-SEP-06	RAW S3	TVS	74.6
28-SEP-06	RAW S1	TVS	75.6
28-SEP-06	RAW S2	TVS	76.7
28-SEP-06	RAW S3	TVS	76.2
avg			76.3

33 rows selected.

old 4: and sample_date between '&&begdate' and '&&enddate'
 new 4: and sample_date between '01-SEP-2006' and '30-SEP-2006'

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-SEP-06	PLDIG7	TVS	56.6
05-SEP-06	PLDIG7	TVS	56.0
05-SEP-06	PLDIG7	TVS	62.2
05-SEP-06	PLDIG7	TVS	61.2
06-SEP-06	PLDIG7	TVS	55.6
07-SEP-06	PLDIG7	TVS	56.4
07-SEP-06	PLDIG7	TVS	57.7
07-SEP-06	PLDIG7	TVS	58.2
08-SEP-06	PLDIG7	TVS	58.4
10-SEP-06	PLDIG7	TVS	56.9
10-SEP-06	PLDIG7	TVS	56.9
11-SEP-06	PLDIG7	TVS	57.0
12-SEP-06	PLDIG7	TVS	57.0
12-SEP-06	PLDIG7	TVS	55.3
12-SEP-06	PLDIG7	TVS	54.9
13-SEP-06	PLDIG7	TVS	55.0
14-SEP-06	PLDIG7	TVS	57.8
14-SEP-06	PLDIG7	TVS	55.0
14-SEP-06	PLDIG7	TVS	55.2
15-SEP-06	PLDIG7	TVS	54.4
17-SEP-06	PLDIG7	TVS	54.1
17-SEP-06	PLDIG7	TVS	54.1
18-SEP-06	PLDIG7	TVS	59.4
19-SEP-06	PLDIG7	TVS	58.2
19-SEP-06	PLDIG7	TVS	54.6
19-SEP-06	PLDIG7	TVS	54.1
20-SEP-06	PLDIG7	TVS	57.6
21-SEP-06	PLDIG7	TVS	57.3
21-SEP-06	PLDIG7	TVS	56.8
21-SEP-06	PLDIG7	TVS	57.2
22-SEP-06	PLDIG7	TVS	56.7
24-SEP-06	PLDIG7	TVS	57.0
24-SEP-06	PLDIG7	TVS	56.9
25-SEP-06	PLDIG7	TVS	56.9
26-SEP-06	PLDIG7	TVS	52.6
26-SEP-06	PLDIG7	TVS	54.7

26-SEP-06	PLDIG7	TVS	55.1
27-SEP-06	PLDIG7	TVS	54.9
28-SEP-06	PLDIG7	TVS	56.6
28-SEP-06	PLDIG7	TVS	58.8
28-SEP-06	PLDIG7	TVS	59.7
29-SEP-06	PLDIG7	TVS	59.2
avg			56.7

42 rows selected.

old 4: and sample_date between '&&begdate' and '&&enddate'
 new 4: and sample_date between '01-SEP-2006' and '30-SEP-2006'

SAMPLE_DA	SOURCE	ANALYTE	VALUE
03-SEP-06	MBC DIG1	TVS	66.6
03-SEP-06	MBC DIG1	TVS	65.2
05-SEP-06	MBC DIG1	TVS	66.8
05-SEP-06	MBC DIG1	TVS	67.0
07-SEP-06	MBC DIG1	TVS	65.5
07-SEP-06	MBC DIG1	TVS	65.3
10-SEP-06	MBC DIG1	TVS	65.7
10-SEP-06	MBC DIG1	TVS	65.8
12-SEP-06	MBC DIG1	TVS	66.2
12-SEP-06	MBC DIG1	TVS	66.0
14-SEP-06	MBC DIG1	TVS	66.0
14-SEP-06	MBC DIG1	TVS	66.0
17-SEP-06	MBC DIG1	TVS	66.4
17-SEP-06	MBC DIG1	TVS	66.5
19-SEP-06	MBC DIG1	TVS	67.0
19-SEP-06	MBC DIG1	TVS	67.2
21-SEP-06	MBC DIG1	TVS	67.0
21-SEP-06	MBC DIG1	TVS	67.2
24-SEP-06	MBC DIG1	TVS	67.7
24-SEP-06	MBC DIG1	TVS	67.6
26-SEP-06	MBC DIG1	TVS	67.0
26-SEP-06	MBC DIG1	TVS	67.4
28-SEP-06	MBC DIG1	TVS	68.8
28-SEP-06	MBC DIG1	TVS	68.1
avg			66.7

24 rows selected.

old 4: and sample_date between '&&begdate' and '&&enddate'
 new 4: and sample_date between '01-SEP-2006' and '30-SEP-2006'

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-SEP-06	MBC_TSBTC	TVS	82.9
02-SEP-06	MBC_TSBTC	TVS	83.2
03-SEP-06	MBC_TSBTC	TVS	82.4
04-SEP-06	MBC_TSBTC	TVS	81.3
05-SEP-06	MBC_TSBTC	TVS	82.9
06-SEP-06	MBC_TSBTC	TVS	82.9
07-SEP-06	MBC_TSBTC	TVS	83.4
08-SEP-06	MBC_TSBTC	TVS	82.5
09-SEP-06	MBC_TSBTC	TVS	82.4
10-SEP-06	MBC_TSBTC	TVS	82.2
11-SEP-06	MBC_TSBTC	TVS	83.0
12-SEP-06	MBC_TSBTC	TVS	81.1
13-SEP-06	MBC_TSBTC	TVS	82.2
14-SEP-06	MBC_TSBTC	TVS	83.0
15-SEP-06	MBC_TSBTC	TVS	83.5
16-SEP-06	MBC_TSBTC	TVS	83.6
17-SEP-06	MBC_TSBTC	TVS	83.0
18-SEP-06	MBC_TSBTC	TVS	85.2
19-SEP-06	MBC_TSBTC	TVS	85.2
20-SEP-06	MBC_TSBTC	TVS	84.0
21-SEP-06	MBC_TSBTC	TVS	84.5
22-SEP-06	MBC_TSBTC	TVS	84.6
23-SEP-06	MBC_TSBTC	TVS	85.2
24-SEP-06	MBC_TSBTC	TVS	84.6
25-SEP-06	MBC_TSBTC	TVS	85.3
26-SEP-06	MBC_TSBTC	TVS	85.6
27-SEP-06	MBC_TSBTC	TVS	85.5
28-SEP-06	MBC_TSBTC	TVS	85.8
29-SEP-06	MBC_TSBTC	TVS	85.7
30-SEP-06	MBC_TSBTC	TVS	85.4
avg			83.7

30 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - Centrifuge Dewatered Sludge

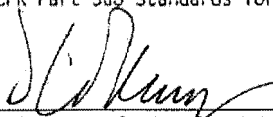
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of SEPTEMBER 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	2.81	mg/Kg	41	mg/Kg
Cadmium	2.59	mg/Kg	39	mg/Kg
Chromium	75.9	mg/Kg	1,200	mg/Kg
Copper	718	mg/Kg	1,500	mg/Kg
Lead	27.1	mg/Kg	300	mg/Kg
Mercury	1.60	mg/Kg	17	mg/Kg
Molybdenum	19.9	mg/Kg	75	mg/Kg*
Nickel	88.0	mg/Kg	420	mg/Kg
Selenium	5.27	mg/Kg	36	mg/Kg
Zinc	917	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.52	Wt %		
Date of Sample	30-SEPTEMBER-2006			
Total Solids	27.9	Wt %		
Volatile Solids	56.8	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

10/26/06

 Date

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of October 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

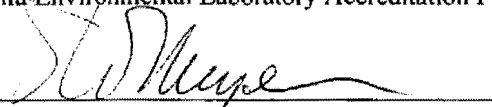
1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

60.2 Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

62.4 Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams ~~do~~ / ~~do not~~ meet 38% FVSR criteria.

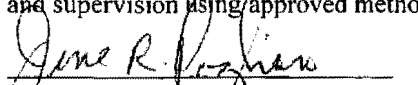
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California-Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Laboratory Senior Chemist

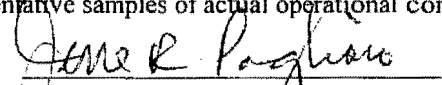
Date 11/29/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

12/4/06
Date



Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

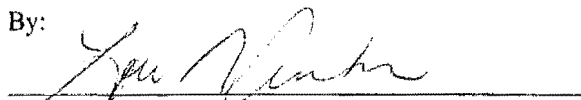
12/4/06
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

By:



Deputy Director

12/5/06
Date

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for October 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for October 2006 for the Digester 7

Average Volatile Solids for October 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
55.5	75.8	60.2%

Average Volatile Solids for October 2006 for the MBC Dig 1

Average Volatile Solids for October 2006 for Raw Feed Sludge
(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
69.6	85.9	62.4%

SAMPLE_DA	SOURCE	ANALYTE	VALUE				
01-OCT-06	RAW S1	TVS	76.0	25-OCT-06	PLDIG7	TVS	55.9
01-OCT-06	RAW S2	TVS	76.6	26-OCT-06	PLDIG7	TVS	54.0
01-OCT-06	RAW S3	TVS	74.2	26-OCT-06	PLDIG7	TVS	56.2
03-OCT-06	RAW COMP	TVS	74.3	26-OCT-06	PLDIG7	TVS	58.2
03-OCT-06	RAW S1	TVS	74.2	27-OCT-06	PLDIG7	TVS	57.9
03-OCT-06	RAW S2	TVS	74.9	29-OCT-06	PLDIG7	TVS	55.7
03-OCT-06	RAW S3	TVS	73.8	29-OCT-06	PLDIG7	TVS	56.2
05-OCT-06	RAW S1	TVS	74.5	30-OCT-06	PLDIG7	TVS	56.0
05-OCT-06	RAW S2	TVS	76.2	31-OCT-06	PLDIG7	TVS	54.6
05-OCT-06	RAW S3	TVS	77.5	31-OCT-06	PLDIG7	TVS	54.9
08-OCT-06	RAW S1	TVS	74.9	31-OCT-06	PLDIG7	TVS	53.8
08-OCT-06	RAW S2	TVS	76.8	avg			55.5
08-OCT-06	RAW S3	TVS	74.7				
10-OCT-06	RAW S1	TVS	77.1	SAMPLE_DA	SOURCE	ANALYTE	VALUE
10-OCT-06	RAW S2	TVS	76.9	01-OCT-06	MBC_DIG1	TVS	68.7
10-OCT-06	RAW S3	TVS	76.1	01-OCT-06	MBC_DIG1	TVS	68.8
12-OCT-06	RAW S1	TVS	76.1	03-OCT-06	MBC_DIG1	TVS	68.7
12-OCT-06	RAW S2	TVS	76.3	03-OCT-06	MBC_DIG1	TVS	68.7
12-OCT-06	RAW S3	TVS	76.7	05-OCT-06	MBC_DIG1	TVS	68.1
15-OCT-06	RAW S1	TVS	76.2	05-OCT-06	MBC_DIG1	TVS	68.0
15-OCT-06	RAW S2	TVS	73.3	08-OCT-06	MBC_DIG1	TVS	69.5
15-OCT-06	RAW S3	TVS	75.3	08-OCT-06	MBC_DIG1	TVS	69.1
17-OCT-06	RAW S1	TVS	75.2	10-OCT-06	MBC_DIG1	TVS	69.0
17-OCT-06	RAW S2	TVS	74.9	10-OCT-06	MBC_DIG1	TVS	69.2
17-OCT-06	RAW S3	TVS	74.6	12-OCT-06	MBC_DIG1	TVS	70.2
19-OCT-06	RAW S1	TVS	76.7	12-OCT-06	MBC_DIG1	TVS	69.9
19-OCT-06	RAW S2	TVS	76.6	15-OCT-06	MBC_DIG1	TVS	70.4
19-OCT-06	RAW S3	TVS	75.6	15-OCT-06	MBC_DIG1	TVS	70.6
22-OCT-06	RAW S1	TVS	78.1	17-OCT-06	MBC_DIG1	TVS	69.5
22-OCT-06	RAW S2	TVS	78.2	17-OCT-06	MBC_DIG1	TVS	69.4
22-OCT-06	RAW S3	TVS	76.8	19-OCT-06	MBC_DIG1	TVS	69.3
24-OCT-06	RAW S1	TVS	75.8	19-OCT-06	MBC_DIG1	TVS	69.6
24-OCT-06	RAW S2	TVS	76.7	22-OCT-06	MBC_DIG1	TVS	69.9
24-OCT-06	RAW S3	TVS	73.8	22-OCT-06	MBC_DIG1	TVS	70.0
26-OCT-06	RAW S1	TVS	76.9	24-OCT-06	MBC_DIG1	TVS	70.3
26-OCT-06	RAW S2	TVS	77.8	24-OCT-06	MBC_DIG1	TVS	70.2
26-OCT-06	RAW S3	TVS	77.6	26-OCT-06	MBC_DIG1	TVS	69.4
29-OCT-06	RAW S1	TVS	75.4	29-OCT-06	MBC_DIG1	TVS	69.9
29-OCT-06	RAW S2	TVS	77.2	29-OCT-06	MBC_DIG1	TVS	69.6
29-OCT-06	RAW S3	TVS	76.4	31-OCT-06	MBC_DIG1	TVS	71.7
31-OCT-06	RAW S1	TVS	72.8	31-OCT-06	MBC_DIG1	TVS	71.8
31-OCT-06	RAW S2	TVS	72.8	avg			69.6
31-OCT-06	RAW S3	TVS	75.4				
avg			75.8				

SAMPLE_DA	SOURCE	ANALYTE	VALUE	SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-OCT-06	PLDIG7	TVS	54.6	01-OCT-06	MBC_TSBTC	TVS	84.4
01-OCT-06	PLDIG7	TVS	56.2	02-OCT-06	MBC_TSBTC	TVS	84.6
02-OCT-06	PLDIG7	TVS	54.0	03-OCT-06	MBC_TSBTC	TVS	85.9
03-OCT-06	PLDIG7	TVS	54.7	04-OCT-06	MBC_TSBTC	TVS	85.7
03-OCT-06	PLDIG7	TVS	53.2	05-OCT-06	MBC_TSBTC	TVS	86.6
03-OCT-06	PLDIG7	TVS	53.3	06-OCT-06	MBC_TSBTC	TVS	86.0
04-OCT-06	PLDIG7	TVS	56.7	07-OCT-06	MBC_TSBTC	TVS	86.1
05-OCT-06	PLDIG7	TVS	55.6	08-OCT-06	MBC_TSBTC	TVS	85.3
05-OCT-06	PLDIG7	TVS	58.0	09-OCT-06	MBC_TSBTC	TVS	84.8
05-OCT-06	PLDIG7	TVS	57.5	10-OCT-06	MBC_TSBTC	TVS	85.8
06-OCT-06	PLDIG7	TVS	56.6	11-OCT-06	MBC_TSBTC	TVS	86.2
08-OCT-06	PLDIG7	TVS	56.1	12-OCT-06	MBC_TSBTC	TVS	87.0
08-OCT-06	PLDIG7	TVS	55.6	13-OCT-06	MBC_TSBTC	TVS	86.2
09-OCT-06	PLDIG7	TVS	55.6	14-OCT-06	MBC_TSBTC	TVS	86.9
10-OCT-06	PLDIG7	TVS	57.6	15-OCT-06	MBC_TSBTC	TVS	84.9
10-OCT-06	PLDIG7	TVS	54.9	16-OCT-06	MBC_TSBTC	TVS	84.8
10-OCT-06	PLDIG7	TVS	55.6	17-OCT-06	MBC_TSBTC	TVS	86.6
11-OCT-06	PLDIG7	TVS	54.9	18-OCT-06	MBC_TSBTC	TVS	85.9
12-OCT-06	PLDIG7	TVS	55.6	19-OCT-06	MBC_TSBTC	TVS	84.7
12-OCT-06	PLDIG7	TVS	55.3	20-OCT-06	MBC_TSBTC	TVS	86.6
12-OCT-06	PLDIG7	TVS	55.5	21-OCT-06	MBC_TSBTC	TVS	86.1
13-OCT-06	PLDIG7	TVS	55.8	22-OCT-06	MBC_TSBTC	TVS	86.1
15-OCT-06	PLDIG7	TVS	55.2	23-OCT-06	MBC_TSBTC	TVS	86.7
15-OCT-06	PLDIG7	TVS	55.5	24-OCT-06	MBC_TSBTC	TVS	86.5
16-OCT-06	PLDIG7	TVS	55.6	25-OCT-06	MBC_TSBTC	TVS	86.4
17-OCT-06	PLDIG7	TVS	54.7	27-OCT-06	MBC_TSBTC	TVS	86.4
17-OCT-06	PLDIG7	TVS	53.8	28-OCT-06	MBC_TSBTC	TVS	85.8
17-OCT-06	PLDIG7	TVS	53.0	29-OCT-06	MBC_TSBTC	TVS	85.0
18-OCT-06	PLDIG7	TVS	54.5	30-OCT-06	MBC_TSBTC	TVS	86.1
19-OCT-06	PLDIG7	TVS	54.0	31-OCT-06	MBC_TSBTC	TVS	86.8
19-OCT-06	PLDIG7	TVS	55.5	avg			85.9
19-OCT-06	PLDIG7	TVS	56.4				
20-OCT-06	PLDIG7	TVS	57.0				
22-OCT-06	PLDIG7	TVS	58.5				
22-OCT-06	PLDIG7	TVS	58.6				
23-OCT-06	PLDIG7	TVS	56.4				
24-OCT-06	PLDIG7	TVS	52.7				
24-OCT-06	PLDIG7	TVS	52.9				
24-OCT-06	PLDIG7	TVS	56.6				

30 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

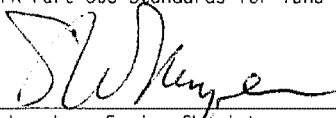
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of OCTOBER 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	3.78	mg/Kg	41	mg/Kg
Cadmium	1.94	mg/Kg	39	mg/Kg
Chromium	83.7	mg/Kg	1.200	mg/Kg
Copper	809	mg/Kg	1.500	mg/Kg
Lead	27.8	mg/Kg	300	mg/Kg
Mercury	1.41	mg/Kg	17	mg/Kg
Molybdenum	21.2	mg/Kg	75	mg/Kg*
Nickel	101	mg/Kg	420	mg/Kg
Selenium	4.52	mg/Kg	36	mg/Kg
Zinc	1080	mg/Kg	2.800	mg/Kg
Total Nitrogen	5.86	Wt %		
Date of Sample	31-OCTOBER-2006			
Total Solids	28.5	Wt %		
Volatile Solids	57.1	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

11/28/06

 Date

VAR CERT. Form
 Revised 7/6/2000

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of November 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

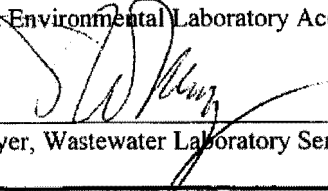
1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

61.9 Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

57.0 Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams do / ~~do not~~ meet 38% FVSR criteria.

The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Laboratory Senior Chemist

Date 12/28/06

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.

Gene R. Pagliaro 1/10/07 Gene R. Pagliaro * 1/10/07
Wastewater Treatment Superintendent Date Wastewater Treatment Superintendent Date
Metro Biosolids Center (MBC) Pt. Loma Wastewater Treatment Plant

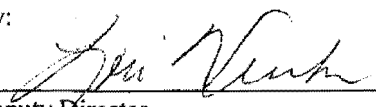
K.C. Shankles 1/10/07 * K.C. SHANKLES ASSUMED POSITION 11/20/06

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

By:



Deputy Director Date 1/18/07

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for November 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for November 2006 for the Digester 7

Average Volatile Solids for November 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
54.7	76.0	61.9%

Average Volatile Solids for November 2006 for the MBC Dig 1

Average Volatile Solids for November 2006 for Raw Feed Sludge
(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
70.4	84.7	57.0%

SAMPLE_DA	SOURCE	ANALYTE	VALUE
02-NOV-06	RAW S1	TVS	77.8
02-NOV-06	RAW S2	TVS	77.7
02-NOV-06	RAW S3	TVS	77.4
05-NOV-06	RAW S1	TVS	56.2
05-NOV-06	RAW S2	TVS	75.3
05-NOV-06	RAW S3	TVS	74.3
07-NOV-06	RAW S1	TVS	77.0
07-NOV-06	RAW S2	TVS	76.7
07-NOV-06	RAW S3	TVS	76.7
12-NOV-06	RAW S1	TVS	76.5
12-NOV-06	RAW S2	TVS	81.4
12-NOV-06	RAW S3	TVS	75.5
14-NOV-06	RAW S1	TVS	75.1
14-NOV-06	RAW S2	TVS	74.6
14-NOV-06	RAW S3	TVS	75.3
16-NOV-06	RAW S1	TVS	77.6
16-NOV-06	RAW S2	TVS	77.8
16-NOV-06	RAW S3	TVS	77.1
19-NOV-06	RAW S1	TVS	74.2
19-NOV-06	RAW S2	TVS	75.8
19-NOV-06	RAW S3	TVS	75.6
21-NOV-06	RAW S1	TVS	77.6
21-NOV-06	RAW S2	TVS	77.1
21-NOV-06	RAW S3	TVS	75.5
23-NOV-06	RAW S1	TVS	77.6
23-NOV-06	RAW S2	TVS	78.2
23-NOV-06	RAW S3	TVS	77.0
26-NOV-06	RAW S1	TVS	75.5
26-NOV-06	RAW S2	TVS	76.7
26-NOV-06	RAW S3	TVS	74.0
28-NOV-06	RAW S1	TVS	76.1
28-NOV-06	RAW S2	TVS	76.4
28-NOV-06	RAW S3	TVS	75.7
30-NOV-06	RAW S1	TVS	78.9
30-NOV-06	RAW S3	TVS	77.5
avg			76.0

27-NOV-06	PLDIG7	TVS	54.3
28-NOV-06	PLDIG7	TVS	53.6
28-NOV-06	PLDIG7	TVS	53.3
28-NOV-06	PLDIG7	TVS	53.2
29-NOV-06	PLDIG7	TVS	53.0
30-NOV-06	PLDIG7	TVS	55.4
30-NOV-06	PLDIG7	TVS	56.6
30-NOV-06	PLDIG7	TVS	56.2
avg			54.7

SAMPLE_DA	SOURCE	ANALYTE	VALUE
02-NOV-06	MBC_DIG1	TVS	70.4
04-NOV-06	MBC_DIG1	TVS	70.3
04-NOV-06	MBC_DIG1	TVS	70.1
07-NOV-06	MBC_DIG1	TVS	71.2
07-NOV-06	MBC_DIG1	TVS	71.7
09-NOV-06	MBC_DIG1	TVS	70.8
12-NOV-06	MBC_DIG1	TVS	71.5
12-NOV-06	MBC_DIG1	TVS	70.4
14-NOV-06	MBC_DIG1	TVS	70.3
14-NOV-06	MBC_DIG1	TVS	70.4
16-NOV-06	MBC_DIG1	TVS	70.3
16-NOV-06	MBC_DIG1	TVS	70.4
19-NOV-06	MBC_DIG1	TVS	71.1
19-NOV-06	MBC_DIG1	TVS	71.0
21-NOV-06	MBC_DIG1	TVS	71.3
21-NOV-06	MBC_DIG1	TVS	71.0
23-NOV-06	MBC_DIG1	TVS	70.9
23-NOV-06	MBC_DIG1	TVS	70.9
26-NOV-06	MBC_DIG1	TVS	70.2
26-NOV-06	MBC_DIG1	TVS	70.4
28-NOV-06	MBC_DIG1	TVS	69.2
28-NOV-06	MBC_DIG1	TVS	69.0
30-NOV-06	MBC_DIG1	TVS	68.7
30-NOV-06	MBC_DIG1	TVS	68.6
avg			70.4

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-NOV-06	PLDIG7	TVS	57.7
02-NOV-06	PLDIG7	TVS	54.4
02-NOV-06	PLDIG7	TVS	56.6
02-NOV-06	PLDIG7	TVS	57.3
03-NOV-06	PLDIG7	TVS	57.0
05-NOV-06	PLDIG7	TVS	54.5
05-NOV-06	PLDIG7	TVS	53.8
06-NOV-06	PLDIG7	TVS	54.3
07-NOV-06	PLDIG7	TVS	56.7
07-NOV-06	PLDIG7	TVS	56.2
07-NOV-06	PLDIG7	TVS	56.0
08-NOV-06	PLDIG7	TVS	55.4
09-NOV-06	PLDIG7	TVS	55.5
12-NOV-06	PLDIG7	TVS	55.9
12-NOV-06	PLDIG7	TVS	54.6
13-NOV-06	PLDIG7	TVS	54.7
14-NOV-06	PLDIG7	TVS	55.1
14-NOV-06	PLDIG7	TVS	55.0
14-NOV-06	PLDIG7	TVS	54.8
15-NOV-06	PLDIG7	TVS	55.0
16-NOV-06	PLDIG7	TVS	55.3
16-NOV-06	PLDIG7	TVS	58.3
16-NOV-06	PLDIG7	TVS	58.5
17-NOV-06	PLDIG7	TVS	58.7
19-NOV-06	PLDIG7	TVS	55.8
19-NOV-06	PLDIG7	TVS	57.4
20-NOV-06	PLDIG7	TVS	56.2
21-NOV-06	PLDIG7	TVS	60.1
21-NOV-06	PLDIG7	TVS	51.5
21-NOV-06	PLDIG7	TVS	51.7
22-NOV-06	PLDIG7	TVS	46.8
23-NOV-06	PLDIG7	TVS	48.6
23-NOV-06	PLDIG7	TVS	49.1
24-NOV-06	PLDIG7	TVS	51.0
26-NOV-06	PLDIG7	TVS	50.2
26-NOV-06	PLDIG7	TVS	50.2

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-NOV-06	MBC_TSBTC	TVS	85.5
02-NOV-06	MBC_TSBTC	TVS	84.9
03-NOV-06	MBC_TSBTC	TVS	85.8
04-NOV-06	MBC_TSBTC	TVS	85.0
05-NOV-06	MBC_TSBTC	TVS	85.8
06-NOV-06	MBC_TSBTC	TVS	86.2
07-NOV-06	MBC_TSBTC	TVS	85.4
08-NOV-06	MBC_TSBTC	TVS	84.9
09-NOV-06	MBC_TSBTC	TVS	86.3
10-NOV-06	MBC_TSBTC	TVS	85.8
11-NOV-06	MBC_TSBTC	TVS	85.4
12-NOV-06	MBC_TSBTC	TVS	85.5
13-NOV-06	MBC_TSBTC	TVS	86.7
14-NOV-06	MBC_TSBTC	TVS	86.8
15-NOV-06	MBC_TSBTC	TVS	83.3
16-NOV-06	MBC_TSBTC	TVS	86.0
17-NOV-06	MBC_TSBTC	TVS	84.9
18-NOV-06	MBC_TSBTC	TVS	85.8
19-NOV-06	MBC_TSBTC	TVS	83.2
20-NOV-06	MBC_TSBTC	TVS	84.7
21-NOV-06	MBC_TSBTC	TVS	85.8
22-NOV-06	MBC_TSBTC	TVS	81.2
23-NOV-06	MBC_TSBTC	TVS	84.2
24-NOV-06	MBC_TSBTC	TVS	81.2
25-NOV-06	MBC_TSBTC	TVS	84.1
26-NOV-06	MBC_TSBTC	TVS	83.6
27-NOV-06	MBC_TSBTC	TVS	82.2
28-NOV-06	MBC_TSBTC	TVS	84.2
29-NOV-06	MBC_TSBTC	TVS	83.4
30-NOV-06	MBC_TSBTC	TVS	83.8
avg			84.7

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

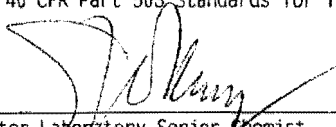
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of NOVEMBER 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	3.09	mg/Kg	41	mg/Kg
Cadmium	1.94	mg/Kg	39	mg/Kg
Chromium	93.1	mg/Kg	1,200	mg/Kg
Copper	733	mg/Kg	1,500	mg/Kg
Lead	23.8	mg/Kg	300	mg/Kg
Mercury	1.30	mg/Kg	17	mg/Kg
Molybdenum	19.4	mg/Kg	75	mg/Kg*
Nickel	102	mg/Kg	420	mg/Kg
Selenium	3.84	mg/Kg	36	mg/Kg
Zinc	1015	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.49	Wt %		
Date of Sample	30-NOVEMBER-2006			
Total Solids	27.6	Wt %		
Volatile Solids	55.0	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

12/28/06
 Date

VAR CERT. Form
 Revised 7/6/2000

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 12/1/06
 Project Manager: Barry Ayers

Reported:
 12/28/06 21:22

MBCDWCN DEWATERED SLUDGE CAKE (6120179-01) Solid (Composite) Sampled: 11/30/06 23:59 Received:
 12/05/06 13:45

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<60.0	60.0	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/13/06 16:43	EPA 6010B	
Cadmium	1.96	1.00	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/13/06 16:43	EPA 6010B	
Chromium	62.3	15.0	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/13/06 16:43	EPA 6010B	
Copper	416	2.00	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/13/06 16:43	EPA 6010B	
Lead	<20.0	20.0	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/15/06 16:31	EPA 6010B	
Mercury	0.38	0.16	mg/kg	1	B6L0216	12/08/06 12:11	12/08/06 12:14	EPA 7471A	
Molybdenum	12.4	8.00	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/16/06 16:31	EPA 6010B	
Nickel	66.3	4.00	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/13/06 16:43	EPA 6010B	
Selenium	<40.0	40.0	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/15/06 16:31	EPA 6010B	
Zinc	616	4.00	mg/kg dry wt.	10	B6L0279	12/08/06 16:36	12/13/06 16:43	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	1.08	0.10	mg/kg	1	[CALC]	12/12/06 07:11	12/13/06 17:30	Calculation	
Organic Nitrogen	9910	25.0	mg/kg	25	[CALC]	12/12/06 07:11	12/12/06 07:11	Calculation	
Total Nitrogen	11700	25.0	mg/kg	25	[CALC]	12/12/06 07:11	12/12/06 07:11	Calculation	
Ammonia as N	1790	10.0	mg/kg dry wt.	1	B6L0180	12/07/06 18:06	12/07/06 16:06	EPA 350.1	M1
Nitrate + Nitrite	1.88	0.10	mg/kg dry wt.	1	B6L0222	12/08/06 14:36	12/08/06 14:36	SM 4500 NO3 F	
Nitrite as N	0.8	0.1	mg/kg dry wt.	1	B6L0371	12/12/06 17:30	12/13/06 17:30	SM 4500 NO2 B	X
Total Kjeldahl Nitrogen	11700	25.0	mg/kg dry wt.	25	B6L0285	12/12/06 07:11	12/12/06 07:11	EPA 351.2	M4
Total Phosphorous	2.52	0.05	mg/kg dry wt.	1	B6L0182	12/07/06 08:00	12/07/06 08:00	EPA 365.2	M2
Total Fixed Solids	62	1	%	1	B6L0236	12/06/06 17:10	12/06/06 17:10	SM 2540 G	
% Solids	27	1	%	1	B6L0236	12/06/06 17:10	12/06/06 17:10	SM 2540 G	
Total Volatile Solids [TVS]	48	1	%	1	B6L0236	12/06/06 17:10	12/06/06 17:10	SM 2540 G	

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
CERTIFICATION STATEMENT**

In Compliance with
U.S. Environmental Protection Agency 40 CFR Part 503 Standards
For the Use and Disposal of Bulk Sewage Sludge from the
Metro Biosolids Center
Operated by the
City of San Diego, CA, Metropolitan Wastewater Department

VECTOR ATTRACTION REDUCTION

Based on the daily fractional volatile solids reduction (FVSR) values calculated using the Van Kleck Equation and raw and digested sludge volatile solids for the month of December 2006 from locations based on the following information from operations:

All sludge sent to Metro Biosolids Center (MBC) from the Pt. Loma WWTP is pumped from Digester 7.

1. Only North City Water Reclamation Plant (NCWRP) raw sludge is going to MBC digesters.
2. The MBC thickened sludge samples are representative of the raw sludge from NCWRP.
3. Only MBC is using only Digester No. 1 for sludge processing.

61.7 Average Volatile Solids Reduction for the Pt. Loma WWTP sludge digestion process.

61.2 Average Volatile Solids Reduction for the sludge MBC treats from the NCWRP.

Both streams do / ~~do not~~ meet 38% FVSR criteria.

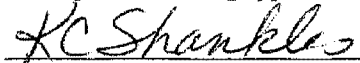
The determinations of volatile solids was done using approved methods by a laboratory certified by the State of California Environmental Laboratory Accreditation Program (ELAP Laboratory Cert. No. 2478)



Steve Meyer, Wastewater Laboratory Senior Chemist


Date 1/26/07

I certify that the sludge samples taken and used in these determinations were taken and handled under my direction and supervision using approved methods and are representative samples of actual operational conditions.



Wastewater Treatment Superintendent
Metro Biosolids Center (MBC)

1/31/07
Date



Wastewater Treatment Superintendent
Pt. Loma Wastewater Treatment Plant

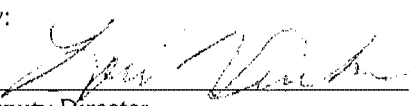
1/31/07
Date

**CERTIFICATION STATEMENT
VECTOR ATTRACTION REQUIREMENTS**

I certify, under penalty of law, the vector attraction reduction requirement in Paragraph 503.33 (b) (1) which states that:

The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent, has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

By:



Deputy Director

1/31/07
Date

Operations and Maintenance Division, Metropolitan Wastewater Department

FVSR (Fractional Volatile Solids Reduction)

Calculations for December 2006 for the Pt. Loma WWTP.

$$FVSR = \frac{VS_p - VS_b}{VS_p - (VS_p * VS_b)} = \frac{Vol.solidsRaw - Vol.solids Digested}{Vol.solids Raw - (Vol.solids Raw * Vol.solids Digested)}$$

where VS_p =
Volatile Solids
Feed Sludge

(RAW SLUDGE),

VS_b = Volatile Solids Digested Sludge (DIG SLUDGE), currently only digester 7 is used for the calculation.

Volatile Solids (VS) is expressed as fractional numbers.

Average Volatile Solids for December 2006 for the Digester 7

Average Volatile Solids for December 2006 for Raw Sludge

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
55.9	76.8	61.7%

Average Volatile Solids for December 2006 for the MBC Dig 1

Average Volatile Solids for December 2006 for Raw Feed Sludge

(MBC TSBTC)

Average %TVS Digested Sludge for the month.	Average Raw (feed) sludge %TVS for the month	Calculated FVSR (%)
67.9	84.5	61.2%

Enter value for begdate: 01-DEC-2006
 Enter value for enddate: 31-DEC-2006

SAMPLE_DA	SOURCE	ANALYTE	VALUE
03-DEC-06	RAW S1	TVS	75.3
03-DEC-06	RAW S2	TVS	75.9
03-DEC-06	RAW S3	TVS	75.7
05-DEC-06	RAW S1	TVS	76.2
05-DEC-06	RAW S2	TVS	77.6
05-DEC-06	RAW S3	TVS	76.3
07-DEC-06	RAW S1	TVS	78.2
07-DEC-06	RAW S2	TVS	78.5
07-DEC-06	RAW S3	TVS	77.9
10-DEC-06	RAW S1	TVS	76.4
10-DEC-06	RAW S2	TVS	76.6
10-DEC-06	RAW S3	TVS	76.8
12-DEC-06	RAW S1	TVS	75.8
12-DEC-06	RAW S2	TVS	76.4
12-DEC-06	RAW S3	TVS	76.9
14-DEC-06	RAW S1	TVS	76.5
14-DEC-06	RAW S2	TVS	76.5
14-DEC-06	RAW S3	TVS	75.5
17-DEC-06	RAW S1	TVS	77.7
17-DEC-06	RAW S2	TVS	77.4
17-DEC-06	RAW S3	TVS	74.6
19-DEC-06	RAW S1	TVS	76.3
19-DEC-06	RAW S2	TVS	77.1
19-DEC-06	RAW S3	TVS	75.4
21-DEC-06	RAW S1	TVS	77.0
21-DEC-06	RAW S2	TVS	76.7
21-DEC-06	RAW S3	TVS	76.3
26-DEC-06	RAW S1	TVS	78.9
26-DEC-06	RAW S2	TVS	80.2
26-DEC-06	RAW S3	TVS	77.2
28-DEC-06	RAW S1	TVS	76.6
28-DEC-06	RAW S2	TVS	78.0
28-DEC-06	RAW S3	TVS	75.7
avg			76.8

33 rows selected.

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-DEC-06	PLDIG7	TVS	57.4
03-DEC-06	PLDIG7	TVS	54.7
03-DEC-06	PLDIG7	TVS	54.4
04-DEC-06	PLDIG7	TVS	54.1
05-DEC-06	PLDIG7	TVS	55.7
05-DEC-06	PLDIG7	TVS	55.3
05-DEC-06	PLDIG7	TVS	55.2
06-DEC-06	PLDIG7	TVS	57.6
07-DEC-06	PLDIG7	TVS	56.2
07-DEC-06	PLDIG7	TVS	56.3
07-DEC-06	PLDIG7	TVS	55.6
08-DEC-06	PLDIG7	TVS	56.4
10-DEC-06	PLDIG7	TVS	57.1
10-DEC-06	PLDIG7	TVS	57.2
11-DEC-06	PLDIG7	TVS	54.4
12-DEC-06	PLDIG7	TVS	57.2
12-DEC-06	PLDIG7	TVS	55.6
12-DEC-06	PLDIG7	TVS	55.4
13-DEC-06	PLDIG7	TVS	55.1
14-DEC-06	PLDIG7	TVS	58.1
14-DEC-06	PLDIG7	TVS	54.7
14-DEC-06	PLDIG7	TVS	54.8
15-DEC-06	PLDIG7	TVS	55.1
17-DEC-06	PLDIG7	TVS	56.7
17-DEC-06	PLDIG7	TVS	57.9
18-DEC-06	PLDIG7	TVS	55.6
19-DEC-06	PLDIG7	TVS	57.0
20-DEC-06	PLDIG7	TVS	55.4
20-DEC-06	PLDIG7	TVS	55.6
21-DEC-06	PLDIG7	TVS	56.1
21-DEC-06	PLDIG7	TVS	55.7
21-DEC-06	PLDIG7	TVS	55.8
22-DEC-06	PLDIG7	TVS	56.5
26-DEC-06	PLDIG7	TVS	57.0
26-DEC-06	PLDIG7	TVS	55.1

26-DEC-06	PLDIG7	TVS	55.1
27-DEC-06	PLDIG7	TVS	56.3
28-DEC-06	PLDIG7	TVS	56.3
28-DEC-06	PLDIG7	TVS	56.4
28-DEC-06	PLDIG7	TVS	56.5
29-DEC-06	PLDIG7	TVS	55.3
avg			55.9

41 rows selected.

SAMPLE_DA	SOURCE	ANALYTE	VALUE
03-DEC-06	MBC_DIG1	TVS	68.5
03-DEC-06	MBC_DIG1	TVS	68.3
05-DEC-06	MBC_DIG1	TVS	69.3
05-DEC-06	MBC_DIG1	TVS	69.2
07-DEC-06	MBC_DIG1	TVS	69.1
07-DEC-06	MBC_DIG1	TVS	69.2
10-DEC-06	MBC_DIG1	TVS	68.0
10-DEC-06	MBC_DIG1	TVS	68.1
12-DEC-06	MBC_DIG1	TVS	67.6
12-DEC-06	MBC_DIG1	TVS	67.6
14-DEC-06	MBC_DIG1	TVS	68.0
14-DEC-06	MBC_DIG1	TVS	68.3
17-DEC-06	MBC_DIG1	TVS	68.1
17-DEC-06	MBC_DIG1	TVS	67.7
19-DEC-06	MBC_DIG1	TVS	67.0
19-DEC-06	MBC_DIG1	TVS	67.1
21-DEC-06	MBC_DIG1	TVS	67.2
21-DEC-06	MBC_DIG1	TVS	67.3
24-DEC-06	MBC_DIG1	TVS	67.4
24-DEC-06	MBC_DIG1	TVS	67.7
26-DEC-06	MBC_DIG1	TVS	67.4
26-DEC-06	MBC_DIG1	TVS	67.4
28-DEC-06	MBC_DIG1	TVS	67.2
28-DEC-06	MBC_DIG1	TVS	67.0
31-DEC-06	MBC_DIG1	TVS	67.6
31-DEC-06	MBC_DIG1	TVS	67.8
avg			67.9

26 rows selected.

SAMPLE_DA	SOURCE	ANALYTE	VALUE
01-DEC-06	MBC_TSBTC	TVS	84.4
02-DEC-06	MBC_TSBTC	TVS	84.4
03-DEC-06	MBC_TSBTC	TVS	84.0
04-DEC-06	MBC_TSBTC	TVS	83.5
05-DEC-06	MBC_TSBTC	TVS	83.1
06-DEC-06	MBC_TSBTC	TVS	85.0
10-DEC-06	MBC_TSBTC	TVS	82.6
11-DEC-06	MBC_TSBTC	TVS	82.8
12-DEC-06	MBC_TSBTC	TVS	86.2
13-DEC-06	MBC_TSBTC	TVS	86.0
14-DEC-06	MBC_TSBTC	TVS	82.3
15-DEC-06	MBC_TSBTC	TVS	86.3
16-DEC-06	MBC_TSBTC	TVS	85.8
17-DEC-06	MBC_TSBTC	TVS	85.7
18-DEC-06	MBC_TSBTC	TVS	82.8
19-DEC-06	MBC_TSBTC	TVS	85.0
20-DEC-06	MBC_TSBTC	TVS	84.0
21-DEC-06	MBC_TSBTC	TVS	84.3
23-DEC-06	MBC_TSBTC	TVS	84.2
24-DEC-06	MBC_TSBTC	TVS	84.3
25-DEC-06	MBC_TSBTC	TVS	84.0
26-DEC-06	MBC_TSBTC	TVS	86.0
27-DEC-06	MBC_TSBTC	TVS	85.8
28-DEC-06	MBC_TSBTC	TVS	85.2
29-DEC-06	MBC_TSBTC	TVS	84.9
30-DEC-06	MBC_TSBTC	TVS	84.7
31-DEC-06	MBC_TSBTC	TVS	83.2
avg			84.5

27 rows selected.

CERTIFICATION STATEMENT
 In Compliance With
 U.S. Environmental Protection Agency 40 CFR Part 503 Standards
 For the Use and Disposal of Bulk Sewage Sludge from the
 Metro Biosolids Center
 Operated by the
 City of San Diego, CA, Metropolitan Wastewater Department

Monthly Sludge Composite Certification - *Centrifuge Dewatered Sludge*

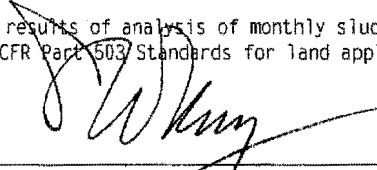
I. INORGANIC POLLUTANT CONCENTRATIONS: The results of the below analyses for inorganics is for a composite sample of centrifuge dewatered sludge Wastewater Chemistry Laboratory, California State ELAP Cert. No. 1609 at the Metro Biosolids Center. The composite sample is a composite of daily samples of dewatered sludge taken from the centrifuges over the calendar month of DECEMBER 2006

Metals: from Table 3 of Paragraph 503.13
 (All concentrations on dry weight)

Parameter	Value	Units	503 Limit	Units
Arsenic	2.18	mq/Kg	41	mq/Kg
Cadmium	1.78	mg/Kg	39	mg/Kg
Chromium	73.1	mg/Kg	1,200	mg/Kg
Copper	650	mg/Kg	1,500	mg/Kg
Lead	21.1	mg/Kg	300	mg/Kg
Mercury	1.34	mg/Kg	17	mg/Kg
Molybdenum	14.1	mg/Kg	75	mg/Kg*
Nickel	59.6	mg/Kg	420	mg/Kg
Selenium	4.63	mg/Kg	36	mg/Kg
Zinc	896	mg/Kg	2,800	mg/Kg
Total Nitrogen	4.51	Wt %		
Date of Sample	31-DECEMBER-2006			
Total Solids	28.2	Wt %		
Volatile Solids	55.8	Wt %		

* Limits for Molybdenum based on 40 CFR part 503.13 Table 1.

Based on this month's analysis and the results of analysis of monthly sludge composite samples for the previous year, no parameters in the described sludge stream exceed 40 CFR Part 503 Standards for land application.



 Wastewater Laboratory Senior Chemist
 Wastewater Chemistry Laboratory,
 California State ELAP Cert. No. 1609

1/26/07

 Date

VAR CERT. Form
 Revised 7/6/2000

Enclosure 3 - Copies of Monthly Biosolids Pathogen Reduction Certifications & 503 Table 3 results
2006.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
January 1, 2006 - January 31, 2006

The following pathogens reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

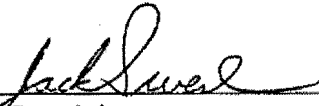
503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Metropolitan Biosolids Center sludge undergoes anaerobic , high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(i)(B) - Certification statement for meeting pathogens reduction requirements.

"I certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

For The City of San Diego
Metropolitan Wastewater Department

By: 
Jack Swerlein
Superintendent
Metropolitan Biosolids Center

Date March 09, 2006

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
For
MEETING PATHOGEN REDUCTION REQUIREMENTS
January 1, 2006 – January 31, 2006**

The following certification statement for meeting pathogen reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(I)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego's Point Loma Wastewater Treatment Plant, sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(I)(B) - Certification statement for meeting pathogen reduction requirements.

I certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b) (3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment@.

For The City of San Diego
Metropolitan Wastewater Department

By: Joe A. Cordova

Date 2-7-06

Joe A. Cordova
Wastewater Treatment Superintendent
Point Loma Wastewater Treatment Plant

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
February 1, 2006 – February 28, 2006

The following pathogens reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.


503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Metropolitan Biosolids Center sludge undergoes anaerobic , high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(i)(B) - Certification statement for meeting pathogens reduction requirements.

"I certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

For The City of San Diego
Metropolitan Wastewater Department

By: 
Jack Swerlein
Superintendent
Metropolitan Biosolids Center

Date April 11, 2006

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
For
MEETING PATHOGEN REDUCTION REQUIREMENTS
February 1, 2006 – February 28, 2006**

The following certification statement for meeting pathogen reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(I)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego's Point Loma Wastewater Treatment Plant, sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(I)(B) - Certification statement for meeting pathogen reduction requirements.

I certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b) (3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment@.

For The City of San Diego
Metropolitan Wastewater Department

By: Joe A. Cordova

Date 4-11-06

Joe A. Cordova
Wastewater Treatment Superintendent
Point Loma Wastewater Treatment Plant

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
March 1, 2006 – March 31, 2006

The following pathogens reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Metropolitan Biosolids Center sludge undergoes anaerobic , high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(i)(B) - Certification statement for meeting pathogens reduction requirements.

"I certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment".

For The City of San Diego
Metropolitan Wastewater Department

By: Jack Swerlein
Jack Swerlein
Superintendent
Metropolitan Biosolids Center

Date May 04, 2006

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
For
MEETING PATHOGEN REDUCTION REQUIREMENTS
March 1, 2006 – March 31, 2006**

The following certification statement for meeting pathogen reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(I)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego's Point Loma Wastewater Treatment Plant, sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(I)(B) - Certification statement for meeting pathogen reduction requirements.

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For The City of San Diego
Metropolitan Wastewater Department

By: Joe A. Cordova

Date 4-11-05

Joe A. Cordova
Wastewater Treatment Superintendent
Point Loma Wastewater Treatment Plant

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
April 1, 2006 – April 30, 2006**

The following pathogens reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.


503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: 
Jack Swerlein
Superintendent
Metropolitan Biosolids Center

Date May 04, 2006

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
For
MEETING PATHOGEN REDUCTION REQUIREMENTS
April 1, 2006 – April 30, 2006**

The following certification statement for meeting pathogen reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(I)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: Joe A. Cordova

Date 5-4-06

Joe A. Cordova
Wastewater Treatment Superintendent
Point Loma Wastewater Treatment Plant

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
May 1, 2006 – May 31, 2006

The following pathogens reduction requirements has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards For the Use and Disposal of Bulk Sewage Sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: _____

Date July 12, 2006

Jack Swerlein
Superintendent
Metropolitan Biosolids Center

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
May 1, 2006 – May 31, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Point Loma Wastewater Treatment Plant sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date July 13, 2006

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
June 1, 2006 – June 30, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

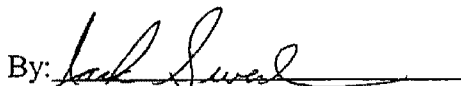
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For The City of San Diego
Metropolitan Wastewater Department

By: 

Date August 2, 2006

Jack Swerlein
Superintendent
Metropolitan Biosolids Center

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
June 1, 2006 – June 30, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date August 2, 2006

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
July 1, 2006 – July 31, 2006

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date 9/7/06

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Metropolitan Biosolids Center

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
July 1, 2006 – July 31, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date 9/7/06

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
August 1, 2006 – August 31, 2006

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: 

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Metropolitan Biosolids Center

Date 10/17/06

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
August 1, 2006 – August 31, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

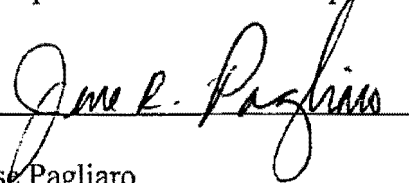
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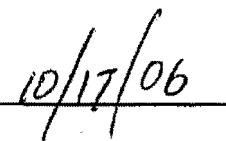
For The City of San Diego
Metropolitan Wastewater Department

By: _____



Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

Date _____



**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
September 1, 2006 – September 30, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Metropolitan Biosolids Center sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

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AI certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment@.

For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date 12/13/06

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Metropolitan Biosolids Center

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
September 1, 2006 – September 30, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date 12/13/06

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
October 1, 2006 – October 31, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: _____

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Metropolitan Biosolids Center

Date _____

12/13/06

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
October 1, 2006 – October 31, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date 12/13/06

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

**CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT**

**BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
November 1, 2006 – November 30, 2006**

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro

Date 1/29/07

Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Metropolitan Biosolids Center

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
November 1, 2006 – November 30, 2006

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

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For The City of San Diego
Metropolitan Wastewater Department

By: Jesse R. Pagliaro *
Jesse Pagliaro
Assistant Deputy Director
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

Date 1/10/09

* K. C. SHANKLES ASSUMED POSITION
11/20/07
K.C. Shankles 1/10/07

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
December 1, 2006 – December 31, 2006

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Metropolitan Biosolids Center sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(i)(B) - Certification statement for meeting pathogens reduction requirements.

I certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment@.

For The City of San Diego
Metropolitan Wastewater Department

By: Katherine C Shankles

Date: 1/31/07

Katherine C. Shankles
Superintendent
Operations and Maintenance Division
Metropolitan Biosolids Center

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT

BIOSOLIDS CERTIFICATION STATEMENT
for
MEETING PATHOGEN REDUCTION REQUIREMENTS
December 1, 2006 - December 31, 2006

The following pathogens reduction requirement has been prepared in accordance with U.S. Environmental Protection Agency 40 CFR Part 503 Standards for the use and disposal of bulk sewage sludge from the Metro Biosolids Center Operated by the City of San Diego, CA, Metropolitan Wastewater Department.

503.17 (a)(4)(i)(C) - A description of how the Class B pathogens requirement in 503.32 (b) (3) is met.

At the City of San Diego Point Loma Wastewater Treatment Plant sludge undergoes anaerobic, high rate, mesophilic digestion that meets 503 regulations for detention time and temperature.

503.17 (a)(4)(i)(B) - Certification statement for meeting pathogens reduction requirements.

AI certify, under penalty of law, that the Class B pathogen requirements in 503.32 (b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment@.

For The City of San Diego
Metropolitan Wastewater Department

By: Katherine C. Shankles

Date: 1/31/07

Katherine C. Shankles
Superintendent
Operations and Maintenance Division
Point Loma Wastewater Treatment Plant

Enclosure 4 - Copies of Monthly Biosolids Production Reports for 2006.

Point Loma Monthly Monitoring Report
Solids Report - 01-JAN-2006 to 31-JAN-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt Dewatered Biosolids		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	975,236			975,318			2,421,913	0.26	26	.00	29.40	.00
02	967,833			968,627			2,362,698	0.24	24	341.73	28.90	98.76
03	950,443	4.6	182	950,887	2.2	87	2,340,780	0.27	26	435.90	28.00	122.05
04	961,773			962,934	2.2	88	2,578,840	0.27	29	485.44	29.00	140.78
05	951,416	4.0	159	951,478	2.1	83	2,181,817	0.24	21	508.92	27.20	138.43
06	966,789			967,084	2.2	89	2,530,672	0.24	25	458.90	30.80	141.34
07	949,091			949,349			2,494,639	0.35	36	364.27	29.40	107.10
08	945,874	3.8	150	945,878			2,407,980	0.29	29	.00	28.60	.00
09	1,001,949			1,001,669	2.2	92	1,978,689	0.25	21	463.26	28.70	132.96
10	1,026,845	3.9	167	1,026,038	2.1	90	2,182,544	0.25	23	458.64	30.20	138.51
11	1,028,743			1,028,996	2.2	94	2,409,895	0.25	25	415.29	28.80	119.60
12	1,011,387	4.0	169	1,011,602	2.2	93	2,627,758	0.24	26	412.98	28.50	117.70
13	1,028,442			1,028,921	2.2	94	2,617,927	0.21	23	411.70	29.00	119.39
14	1,027,077			1,027,898			1,877,475	0.19	15	316.19	28.30	89.48
15	1,020,721			1,020,871			1,943,285	0.20	16	.00	28.20	.00
16	1,018,371			1,018,946			2,524,916	0.24	25	409.84	27.90	114.35
17	1,012,463	3.8	160	1,012,881	2.2	93	2,682,797	0.26	29	435.52	28.50	124.12
18	1,029,041			1,029,446	2.2	94	2,617,304	0.35	38	436.92	26.80	117.09
19	1,036,682	3.8	164	1,036,116	2.1	91	2,457,493	0.24	24	364.79	27.30	99.59
20	1,037,187			1,037,322	2.1	91	2,682,775	0.16	18	388.35	27.20	105.63
21	1,020,153			1,020,831			2,568,299	0.20	21	292.71	29.30	85.76
22	1,012,526	3.8	160	1,012,137			2,285,557	0.36	34	.00	29.20	.00
23	963,823			964,566	2.1	85	2,330,046	0.59	57	394.16	31.60	124.55
24	1,012,157	3.3	139	1,012,436	2.1	89	2,557,560	0.53	57	486.24	29.70	144.41
25	885,329			885,909	2.2	81	2,651,919	0.46	50	490.05	31.10	152.41
26	1,032,157	4.0	172	1,032,047	2.1	90	1,887,491	0.36	28	534.69	28.70	153.46
27	1,020,637			1,021,868	2.1	90	2,902,069	0.57	69	366.32	28.30	103.67
28	1,006,118			1,006,105			2,801,603	0.22	26	344.99	29.10	100.39
29	1,018,942	3.7	157				2,777,277	0.32	37	.00	28.10	.00
30	995,329			995,828	2.4	100	2,789,380			464.90	27.50	127.85
31	1,025,006	3.5	150	1,025,033	2.1	90	2,775,659	0.25	29	435.32	30.30	131.90
avg	998,050	3.9	161	997,634	2.2	90	2,459,647	0.29	30	352.19	28.83	101.65
sum	30,939,540		4,967	29,929,021		2,702	76,249,057		935.86	10,918.02		3,147.21

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
 Solids Report - 01-FEB-2006 to 28-FEB-2006

Date	Pt. Loma Raw sludge		Pt. Loma Digested Biosolids		MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt Dewatered Biosolids				
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,032,974			1,033,270	3.1	134	2,734,952	0.23	26	462.23	29.10	134.51
02	1,004,577	4.2	176	1,004,639	2.2	92	2,792,153	0.27	31	438.61	29.60	129.83
03	1,032,453			1,032,435	2.1	90	2,689,918	0.20	22	435.00	29.40	127.89
04	1,023,306			1,023,956			2,539,873	0.20	21	.00	28.00	.00
05	1,014,516	4.1	174	1,014,584			2,623,955	0.21	23	.00	30.40	.00
06	984,759			985,345	2.2	90	2,759,882	0.25	28	436.35	29.60	129.16
07	1,018,489	3.8	161	1,018,962	2.1	89	2,591,382	0.22	24	433.52	28.50	123.55
08	1,013,798			1,013,401	2.1	89	2,599,598	0.22	24	486.13	29.60	143.89
09	1,028,705	3.6	154	1,028,293	2.1	90	1,901,128	0.19	15	387.40	27.40	106.15
10	1,031,037			1,031,396	2.0	86	2,577,071	0.20	21	457.72	27.80	127.25
11	1,029,705			1,030,435			2,676,529	0.20	22	.00	28.70	.00
12	1,036,601	3.5	151	1,036,934			2,424,037	0.20	20	.00	29.90	.00
13	1,036,666			1,037,303	2.1	91	1,719,686	0.21	15	472.87	27.80	131.46
14	1,037,457	3.9	169	1,037,000	2.1	91	2,623,707	0.21	23	466.78	28.90	134.90
15	1,035,668			1,036,252	2.1	91	2,749,268	0.17	19	493.44	27.10	133.72
16	1,046,778	3.9	170	1,046,343	2.1	92	2,780,987	0.21	24	540.20	28.50	153.96
17	1,034,000			1,034,281	2.1	91	1,091,438			173.44	28.90	50.12
18	1,029,502			1,029,563			1,196,646	0.21	10	.00	27.70	.00
19	1,032,099			1,032,117			2,852,276	0.25	30	.00	30.60	.00
20	1,027,559			1,027,382			2,555,832	0.24	25	434.69	30.50	132.58
21	1,015,292	3.8	161	1,015,982	2.1	89	2,583,901	0.26	28	443.74	28.10	124.69
22	1,029,773			1,029,297	2.2	94	2,687,244	0.24	27	494.52	28.50	140.94
23	1,032,738	3.7	159	1,033,213	2.1	91	2,933,517	0.27	33	369.41	27.90	103.07
24	1,034,797			1,034,803	2.0	86	2,998,696	0.25	31	542.85	29.90	162.31
25	1,034,433			1,034,514			2,842,993	0.26	31	295.21	27.40	80.89
26	1,032,987	4.0	172	1,033,105			2,533,579	0.26	27	.00	28.80	.00
27	786,750			967,437	2.1	85	2,792,735	0.24	28	469.30	31.00	145.48
28	914,924	3.9	149	915,376	2.1	80	2,975,388	0.25	31	465.20	30.20	140.49
avg	1,014,727	3.9	163	1,021,344	2.2	92	2,529,585	0.23	25	328.52	28.92	94.89
sum	28,412,343		4,567	28,597,618		2,573	70,828,371		667.83	9,198.61		2,660.37

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:
 Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-MAR-2006 to 31-MAR-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,022,388			1,022,951	2.0	85	2,831,456	0.24	28	466.00	28.20	131.41
02	981,146	2.9	119	981,359	2.1	86	2,171,331	0.32	29	462.61	29.20	135.08
03	1,037,818			1,038,181	2.1	91	2,828,358	0.38	45	438.54	30.30	132.88
04	1,033,411			1,033,721			2,710,409	0.36	41	.00	29.40	.00
05	1,022,307	3.8	162	1,022,047			1,779,693	0.47	35	.00	29.20	.00
06	1,029,793			1,029,199	2.1	90	1,902,276	0.32	25	368.92	27.90	102.93
07	1,010,762	3.8	160	1,010,095	2.0	84	1,000,177	0.46	19	244.14	29.60	72.27
08	1,029,131			1,029,978	2.1	90	1,224,145	0.37	19	293.81	31.20	91.67
09	1,025,448	4.0	171	1,025,532	2.0	86	3,120,724	0.21	27	461.00	29.40	135.53
10	1,009,959			1,009,226	2.0	84	2,881,717	0.15	18	393.68	29.60	116.53
11	1,007,722			1,007,769			2,840,310	0.19	23	146.05	28.90	42.21
12	1,002,213	4.0	167	1,002,265			2,590,756	0.19	21	.00	27.70	.00
13	1,019,677			1,019,796	3.1	132	2,551,557	0.20	21	466.75	28.40	132.56
14	1,008,414	3.4	143	1,008,325	2.3	97	2,854,178	0.18	21	467.50	28.80	134.64
15	1,022,199			1,022,376	2.2	94	2,984,250	0.19	24	512.98	29.00	148.76
16	999,456	3.8	158	999,571	2.1	88	2,764,246	0.21	24	468.22	29.50	138.12
17	1,031,626			1,032,179	2.2	95	2,638,227	0.21	23	442.20	30.40	134.43
18	1,028,755			1,029,460			2,376,822	0.21	21	267.27	29.40	78.58
19	1,031,070	3.6	155	1,031,530			2,328,328	0.21	20	.00	31.00	.00
20	1,021,591			1,021,975	2.0	85	2,574,119	0.20	21	492.00	29.20	143.66
21	1,020,265	3.7	157	1,020,729	2.1	89	2,698,499	0.20	23	442.13	29.60	130.87
22	1,030,017			1,030,318	2.1	90	2,766,560	0.21	24	469.54	29.70	139.45
23	1,025,694			1,026,487			2,272,431	0.23	22	420.30	30.60	128.61
24	1,036,885			1,037,597	2.0	87	2,381,408	0.20	20	441.96	30.40	134.36
25	1,023,939			1,023,939			2,435,807	0.20	20	272.32	30.10	81.97
26	1,043,341	3.8	165	1,043,341			2,461,339	0.20	21	.00	29.50	.00
27	1,031,701			1,032,819	2.1	90	2,456,548	0.19	19	447.11	31.80	142.18
28	1,030,712	3.7	159	1,031,072	2.0	86	2,398,068	0.23	23	469.11	30.10	141.20
29	1,026,998			1,026,998	2.1	90	2,326,419	0.24	23	.00	29.70	.00
30	1,029,510			1,029,510	2.0	86	2,402,886	0.38	38	393.98	30.00	118.19
31	1,044,828			1,044,828			2,413,919	0.37	37	394.35	29.50	116.33
avg	1,023,186	3.7	156	1,023,393	2.1	91	2,450,547	0.26	25	327.18	29.59	96.92
sum	31,718,776		4,870	31,725,173		2,816	75,966,963		807.79	10,142.47		3,001.19

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-APR-2006 to 30-APR-2006

Date	Pt. Loma Raw sludge		Pt. Loma Digested Biosolids		MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt Dewatered Biosolids				
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,047,233			1,047,233			2,362,426	0.34	33	293.73	31.30	91.94
02	1,000,709	2.3	96	1,000,709			2,362,426	0.30	30	.00	31.20	.00
03	1,044,654			1,044,654	2.4	105	2,278,021	0.38	36	444.38	30.40	135.09
04	1,045,158	3.9	170	1,045,158	2.0	87	2,569,418	0.31	33	397.30	31.40	124.75
05	1,025,947			1,025,947	2.0	86	2,755,985	0.38	44	343.05	29.60	101.54
06	1,035,036	4.0	173	1,035,036	2.1	91	2,312,530	0.25	24	370.21	30.50	112.91
07	1,044,041			1,044,041	2.0	87	2,295,197	0.24	23	416.57	30.10	125.39
08	1,048,922			1,052,722			2,221,447	0.24	22	295.89	29.30	86.70
09	1,022,324	3.7	158	1,064,742			2,112,187	0.25	22	.00	29.70	.00
10	1,037,265			1,097,750	2.0	92	2,247,653	0.25	23	538.92	30.80	165.99
11	1,044,721	3.6	157	1,075,382	2.0	90	2,118,621	0.25	22	418.53	30.00	125.56
12	1,040,800			1,040,800	2.2	96	1,683,882	0.48	34	319.09	29.90	95.41
13	1,041,802	3.6	156	1,041,802	2.0	87	2,117,136	0.31	27	416.99	29.50	123.01
14	1,042,755			1,042,755	2.0	87	2,790,673	0.26	30	391.21	30.00	117.36
15	1,041,628			1,042,674			2,578,532	0.27	29	220.97	29.10	64.30
16	1,018,115	3.8	161	1,021,085			2,401,829	0.25	25	.00	29.40	.00
17	696,301			696,399	2.1	61	2,302,369	0.23	22	469.10	30.10	141.20
18	1,033,686	4.0	172	1,033,686	2.1	91	2,596,566	0.25	27	468.82	31.50	147.68
19	1,033,963			1,073,407	2.0	90	2,109,320	0.27	24	466.85	31.00	144.72
20	1,034,415	4.2	181	1,196,090	2.0	100	2,554,234	0.25	27	322.54	29.10	93.86
21	783,350			884,172	2.0	74	1,855,922	0.22	17	294.40	28.70	84.49
22	1,026,332			0			1,157,648	0.26	13	.00	29.90	.00
23	1,026,804	3.9	167	1,046,048			2,327,359	0.25	24	.00	29.70	.00
24	834,639			974,499	2.4	98	2,492,273	0.23	24	446.47	30.00	133.94
25	1,021,477	3.9	166	1,222,525	2.2	112	2,800,136	0.23	27	369.29	28.40	104.88
26	1,020,976			1,159,479	2.3	111	2,357,015	0.21	21	295.63	29.70	87.80
27	1,032,834	3.8	164	1,032,868	1.9	82	2,350,161	0.25	25	344.31	28.70	98.82
28	933,164			933,899	1.8	70	2,460,451	0.23	24	343.63	29.60	101.71
29	947,630			950,153			2,298,583	0.22	21	.00	27.80	.00
30	1,023,789	3.5	149	1,118,584			2,274,272	0.23	22	.00	29.10	.00
avg	1,001,016	3.7	159	1,001,477	2.1	90	2,304,809	0.27	26	289.60	29.85	86.97
sum	30,030,470		4,643	30,044,299		2,600	69,144,272		777.05	8,687.88		2,593.33

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-MAY-2006 to 31-MAY-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,032,683			1,032,683	2.0	86	2,460,200	0.24	25	417.47	28.90	120.65
02	1,047,463	3.3	144	1,047,463	2.0	87	2,501,068	0.24	25	347.87	29.80	103.67
03	1,035,610			1,035,610	1.8	78	2,647,044	0.24	26	445.31	26.80	119.34
04	1,056,308	3.8	167	1,056,308	1.9	84	2,134,646	0.22	20	394.86	29.46	116.33
05	1,052,282			1,052,282	1.9	83	2,600,780	0.26	28	345.20	28.40	98.04
06	1,068,752			1,068,753			2,282,126	0.29	28	.00	30.20	.00
07	1,034,572			1,042,651			2,344,368	0.30	29	.00	29.80	.00
08	1,050,378			1,062,108			2,638,263	0.31	34	442.01	28.60	126.41
09	973,834	3.8	154	1,480,426	1.9	117	1,306,884	0.30	16	498.43	29.10	145.04
10	1,012,420			2,128,693	2.0	178	274,582			342.61	29.46	100.93
11	1,060,129	3.9	172	1,060,244	1.9	84	1,935,702	0.38	30	98.88	28.70	28.38
12	1,057,992			1,057,992	2.0	88	2,679,225	0.27	30	272.00	30.90	84.05
13	1,073,082			1,073,082			2,552,107	0.27	29	250.13	30.00	75.04
14	1,061,290	3.1	137	1,061,290			2,454,058	0.30	31	.00	30.00	.00
15	1,058,843			1,058,843	2.2	97	2,513,339	0.31	32	468.04	30.50	142.75
16	1,064,844	3.8	169	1,064,844	2.0	89	2,808,887	0.47	55	449.91	29.90	134.52
17	1,047,189			1,047,189	1.8	79	2,676,530	0.57	63	444.58	29.10	129.37
18	1,056,655	3.6	159	1,056,655	1.8	79	2,551,554	0.28	30	442.95	27.80	123.14
19	1,008,155			1,008,155	1.8	76	2,495,329	0.27	28	389.25	29.00	112.88
20	1,070,545			1,070,545			2,422,591	0.28	28	.00	29.70	.00
21	1,051,111	3.6	158	1,051,111			2,360,702	0.29	29	.00	29.50	.00
22	1,034,103			1,034,103	2.0	86	2,895,527	0.30	36	486.77	28.80	140.19
23	1,069,738	4.0	178	1,069,738	1.7	76	2,768,669	0.29	33	463.70	30.20	140.04
24	1,073,878			1,073,878	2.0	90	1,207,129	0.29	15	.00	29.60	.00
25	1,060,135	4.0	177	1,060,135	2.0	88	2,945,443	0.51	63	488.44	29.50	144.09
26	1,068,612			1,068,612	1.9	85	2,678,964	0.65	73	468.34	31.30	146.59
27	1,071,764			1,071,764			2,626,636	0.84	92	269.13	30.20	81.28
28	1,054,295			1,054,295			2,607,855	0.48	52	.00	29.00	.00
29	1,065,095			1,065,095			2,509,332	0.38	40	444.84	29.50	131.23
30	1,064,108	3.7	164	1,064,109	1.9	84	2,565,068	0.36	39	445.75	28.60	127.48
31	1,045,105			1,045,105	1.9	83	2,788,694	0.28	33	515.12	30.80	158.66
avg	1,050,999	3.7	162	1,103,992	1.9	90	2,394,623	0.35	36	310.70	29.46	91.29
sum	32,580,970		5,015	34,223,761		2,746	74,233,302		1,079.31	9,631.59		2,837.03

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-JUN-2006 to 30-JUN-2006

Date	Pt. Loma Raw sludge		Pt. Loma Digested Biosolids		MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids				
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,016,757	3.8	161	1,016,757	2.0	85	2,437,576	0.25	25	441.17	30.50	134.56
02	1,058,431			1,058,431	1.8	79	1,382,759	0.29	17	317.60	30.90	98.14
03	1,060,282			1,060,282			1,254,130	0.30	16	.00	31.50	.00
04	1,073,537	3.8	170	1,073,537			1,223,823	0.32	16	.00	32.10	.00
05	1,072,906			1,072,906	2.4	107	1,369,020	0.32	18	469.28	32.80	153.92
06	1,066,347	3.9	173	1,066,347	2.1	93	1,932,609	0.32	26	468.10	31.50	147.45
07	1,064,246			1,064,246	2.3	102	2,301,553	0.28	27	368.76	31.00	114.32
08	1,069,160	4.0	178	1,069,160	1.9	85	1,559,471	0.36	23	317.97	29.90	95.07
09	1,072,321			1,072,322	1.8	81	2,845,869	0.29	34	196.56	31.10	61.13
10	1,073,152			1,073,152			2,703,192	0.29	33	.00	30.90	.00
11	1,071,051	3.3	147	1,071,105			2,646,712	0.27	30	.00	33.20	.00
12	1,066,268			1,066,268	2.2	98	2,619,276	0.28	30	446.85	31.60	141.20
13	1,029,837	3.5	150	1,029,837	1.8	77	2,750,007	0.27	31	465.69	30.40	141.57
14	1,060,125			1,060,125	1.9	84	2,726,935	0.26	30	445.41	30.50	135.85
15	1,021,627	3.4	145	1,021,626	1.9	81	2,726,346	0.26	30	295.08	29.70	87.64
16	1,059,182			1,059,182	2.1	93	2,012,621	0.28	23	.00	30.20	.00
17	1,057,159			1,057,159			2,641,197	0.27	30	344.17	30.90	106.35
18	1,047,219	3.0	131	1,047,219			2,597,951	0.27	29	.00	28.40	.00
19	1,037,321			1,037,321	2.0	87	2,717,322	0.26	29	494.77	29.50	145.96
20	1,040,670	3.5	152	1,040,670	1.9	83	2,864,554	0.26	31	492.34	29.90	147.21
21	1,041,393			1,041,393	2.0	87	2,750,709	0.29	33	493.83	30.70	151.61
22	1,040,501	3.7	161	1,040,501	1.9	82	2,586,947	0.43	46	441.12	29.10	128.37
23	1,028,073			1,028,073	1.9	82	2,629,029	0.30	33	318.35	30.30	96.46
24	1,031,093			1,031,093			2,685,632	0.28	31	.00	29.50	.00
25	1,024,233	3.3	141	1,024,233			2,692,360	0.28	31	.00	31.00	.00
26	994,087			994,087	2.5	104	2,829,168	0.30	35	468.70	31.90	149.52
27	1,007,501	3.6	151	1,007,502	2.1	88	2,653,236	0.30	33	468.77	30.80	144.38
28	1,004,963			1,004,963	2.0	84	2,489,223	0.25	26	418.50	29.70	124.29
29	971,813	3.6	146	971,813	2.1	85	2,667,690	0.36	39	371.17	29.20	108.38
30	892,492			892,492	1.9	71	2,736,758	0.36	41	393.03	30.50	119.87
avg	1,038,458	3.6	154	1,038,460	2.0	87	2,401,123	0.29	29	297.91	30.64	91.11
sum	31,153,747		4,637	31,153,802		2,628	72,033,675		885.12	8,937.22		2,738.36

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-JUL-2006 to 31-JUL-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate				MetroBiosolids Cnt. Dewatered Biosolids		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons	
01	1,002,307			1,002,307			2,405,209	0.53	53	.00	30.30	.00	
02	984,390	3.4	140	984,390			2,303,163	0.26	25	.00	30.40	.00	
03	968,900			968,900	2.2	89	2,486,061	0.28	29	494.52	29.70	146.87	
04	1,001,422	3.4	142	1,001,422			2,635,586	0.30	33	367.73	29.20	107.38	
05	897,924			897,924	1.8	67	2,928,946	0.26	32	492.27	29.60	145.71	
06	970,415	4.1	166	970,415	1.9	77	1,671,940	0.32	22	392.91	29.00	113.94	
07	904,805			904,805	1.8	68	1,201,755	0.30	15	368.07	32.20	118.52	
08	863,270			863,270			760,957	0.36	11	.00	33.10	.00	
09	862,070	4.5	162	862,070			1,026,906	0.29	12	.00	30.50	.00	
10	916,990			916,990	1.9	73	1,340,683	0.29	16	469.92	32.10	150.84	
11	916,609	4.5	172	916,609	2.0	76	1,326,694	0.32	18	346.84	31.00	107.52	
12	923,919			923,919	2.1	81	1,357,066	0.34	19	193.80	30.70	59.50	
13	933,689	4.0	156	933,689	1.9	74	2,329,674	0.29	28	196.11	28.40	55.70	
14	910,929			910,929	2.1	80	2,672,490	0.28	31	220.37	29.10	64.13	
15	929,356			929,356			2,661,281	0.27	30	.00	29.90	.00	
16	915,594	3.7	141	915,594			2,511,512	0.28	29	.00	31.10	.00	
17	869,076			869,076	2.4	87	2,464,101	0.24	25	515.16	28.80	148.37	
18	920,244	4.0	154	920,244	2.2	84	1,184,513	0.29	14	518.04	29.20	151.27	
19	945,386			945,386	2.3	91	1,811,891	0.28	21	270.57	29.89	80.87	
20	941,201	4.0	157	941,201	2.0	79	2,286,807	0.33	31	270.72	29.90	80.95	
21	956,217			956,217	2.3	92	2,930,101	0.29	35	345.64	29.50	101.96	
22	956,589			956,590			2,803,845	0.26	30	.00	30.90	.00	
23	963,479	3.6	145	963,479			2,678,308	0.26	28	.00	28.80	.00	
24	953,150			953,150	2.7	107	1,924,166	0.25	20	469.32	29.50	138.45	
25	1,051,083	3.8	167	1,051,083	2.0	88	2,038,926	0.33	28	469.77	29.60	139.05	
26	1,010,525			1,010,525	2.1	89	2,805,944	0.36	42	471.99	27.90	131.69	
27	1,024,897	3.5	150	1,024,897	2.2	94	2,568,237	0.29	31	420.67	28.80	121.15	
28	1,003,497	3.8	159	1,003,497	2.0	84	2,573,053	0.23	25	296.72	29.60	87.83	
29	941,526			941,526			2,579,801	0.24	26	.00	28.90	.00	
30	943,160	3.8	150	943,160			2,572,522	0.23	25	.00	29.40	.00	
31	960,459			960,459	1.9	76	2,817,860	0.24	28	470.70	29.50	138.86	
avg	946,551	3.9	154	946,551	2.1	83	2,182,581	0.29	26	260.06	29.89	77.11	
sum	29,343,078		4,728	29,343,079		2,557	67,659,998		826.40	8,061.84		2,409.42	

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-AUG-2006 to 31-AUG-2006

Date	Pt. Loma Raw sludge		Pt. Loma Digested Biosolids		MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids				
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	951,923	4.1	163	951,923	1.9	75	2,438,863	0.27	27	517.94	29.0	150.2
02	993,128			993,128	2.0	83	2,585,142	0.25	27	419.40	28.6	119.9
03	928,147	3.8	147	928,147	2.0	77	2,634,216	0.28	30	443.97	28.9	128.3
04	1,024,509			1,024,509	2.1	90	2,694,741	0.26	29	345.63	28.6	98.9
05	940,853			940,853			2,933,397	0.25	31	.00	28.8	.0
06	934,338	4.1	160	934,338			2,600,683	0.25	27	.00	30.6	.0
07	940,160			940,160	2.5	98	2,521,679	0.25	26	443.08	29.5	130.7
08	958,327	3.6	144	958,327	2.5	100	2,568,629	0.24	26	446.36	28.2	125.9
09	940,513			940,513	2.1	82	2,684,485	0.24	27	470.98	29.8	140.4
10	991,920	4.0	166	991,920	2.0	83	2,689,636	0.24	27	394.75	28.6	112.9
11	926,335			926,335	2.1	81	2,567,168	0.25	27	319.52	28.2	90.1
12	932,671			932,671			2,556,481	0.25	27	.00	28.5	.0
13	923,562	3.8	146	923,562			2,559,107	0.25	27	.00	32.0	.0
14	1,052,050			1,052,050	2.1	92	2,603,230	0.25	27	471.51	29.2	137.7
15	1,030,025	3.7	159	1,030,025	2.2	95	2,718,854	0.26	29	443.15	28.2	125.0
16	1,017,441			1,017,441	2.2	93	2,664,691	0.25	28	442.76	28.3	125.3
17	927,105	3.7	143	927,105	2.1	81	2,581,446	0.26	28	496.98	28.4	141.1
18	940,650			940,650	2.3	90	2,327,495	0.27	26	367.27	28.4	104.3
19	953,426			953,426			2,492,855	0.26	27	247.83	28.5	70.6
20	943,948	4.1	161	943,948			2,516,376	0.26	27	.00	29.9	.0
21	932,620			932,620	1.9	74	2,354,006	0.32	31	494.72	29.2	144.5
22	957,257	4.0	160	957,257	2.1	84	2,464,871	0.29	30	472.28	28.5	134.6
23	952,698			952,698	2.0	80	2,536,897	0.28	30	389.07	28.7	111.7
24	943,091	4.0	157	943,091	2.0	79	2,481,371	0.28	29	445.23	27.7	123.3
25	947,453			947,453	2.0	79	2,425,232	0.27	27	318.85	27.5	87.7
26	936,635			936,635			2,518,864	0.25	26	.00	28.0	.0
27	919,387	3.8	146	919,387			2,294,173	0.25	24	.00	32.4	.0
28	960,917			960,917	2.2	88	2,582,339	0.26	28	518.98	28.1	145.8
29	952,797	3.9	155	952,797	2.1	83	2,638,614	0.27	30	521.01	28.6	149.0
30	977,870			977,870	2.2	90	2,499,087	0.29	30	468.59	30.3	142.0
31	1,006,770	4.0	168	1,006,770	2.1	88	2,715,586	0.26	29	392.63	29.2	114.6
avg	959,307	3.9	155	959,307	2.1	85	2,562,910	0.26	28	332.02	29.0	95.3
sum	29,738,526		4,836	29,738,526		2,626	79,450,214		2,626	10,292.49		2,982.83

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.
 Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:
 Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
 Solids Report - 01-SEP-2006 to 30-SEP-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	991,194			991,194	2.2	91	2,548,008	0.28	30	368.86	28.6	105.5
02	926,538			926,538			2,663,841	0.28	31	.00	27.9	.0
03	894,234			894,234			2,496,339	0.30	31	.00	34.4	.0
04	796,130			796,130			2,338,813	0.28	27	439.85	27.6	121.4
05	940,665	4.3	169	940,665	2.1	82	2,555,405	0.28	30	490.85	29.3	143.8
06	944,609			944,609	2.1	83	2,491,268	0.27	28	123.88	28.7	35.6
07	937,050	4.0	156	937,050	2.0	78	2,466,660	0.27	28	439.09	28.4	124.7
08	948,595			948,595	2.1	83	2,579,043	0.26	28	418.40	27.0	113.0
09	949,475			949,475			2,565,826	0.27	29	.00	28.1	.0
10	948,988	3.7	146	948,988			2,605,894	0.27	29	.00	28.7	.0
11	937,672			937,672	2.1	82	2,764,184	0.32	37	517.16	33.7	174.3
12	947,098	4.3	170	947,098	2.1	83	2,633,213	0.32	35	515.15	29.8	153.5
13	930,018			930,018	2.1	81	2,418,085	0.27	27	462.38	27.9	129.0
14	932,698	3.9	152	932,698	2.1	82	2,661,619	0.25	28	465.72	27.4	127.6
15	1,006,296			1,006,296	2.0	84	2,734,954	0.27	31	438.74	29.0	127.2
16	945,777			945,777			2,571,776	0.29	31	.00	28.5	.0
17	937,948	3.9	153	937,948			2,583,270	0.31	33	.00	32.5	.0
18	937,983			937,983	2.7	106	2,566,678	0.33	35	549.44	27.9	153.3
19	814,033	3.9	132	814,033	2.3	78	2,417,555	0.33	33	521.71	27.5	143.5
20	933,203			933,203	2.6	101	2,544,515	0.34	36	444.50	28.3	125.8
21	1,220,406	3.9	199	1,220,406	2.1	107	2,767,780	0.37	43	422.82	27.0	114.2
22	1,191,596			1,191,596	2.1	104	2,903,559	0.32	39	295.08	28.5	84.1
23	912,873			912,873			2,585,649	0.31	33	.00	28.1	.0
24	926,804	3.9	151	926,804			2,536,482	0.28	30	.00	28.3	.0
25	1,168,846			1,168,846	2.2	107	2,815,282	0.33	39	546.98	28.4	155.3
26	1,223,751	3.4	174	1,223,751	2.0	102	2,986,631	0.36	45	548.51	28.5	156.3
27	1,246,549			1,246,549	2.2	114	3,077,385	0.32	41	544.23	28.6	155.6
28	1,234,432	3.2	165	1,234,432	2.1	108	2,892,430	0.37	45	496.61	29.1	144.5
29	1,215,824			1,215,824	2.1	107	3,041,812	0.33	42	438.11	28.8	126.2
30	1,232,325			1,232,325			2,702,027	0.28	32	298.58	29.4	87.8
avg	1,005,787	3.9	160	1,005,787	2.2	93	2,650,533	0.30	34	326.22	28.9	93.4
sum	30,173,610		4,850	30,173,610		2,724	79,515,983		1,001.38	9,786.65		2,824.75

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.
 Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:
 Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
 Solids Report - 01-OCT-2006 to 31-OCT-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids		
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	1,222,117	3.0	153	1,222,117			2,911,309	0.31	38	.00	30.3	.0
02	1,086,103			1,086,103	1.9	86	3,162,432	0.31	41	595.90	28.6	170.4
03	1,043,805	3.4	148	1,043,805	2.0	87	3,066,511	0.29	37	544.74	28.9	157.4
04	1,022,840			1,022,840	2.2	94	2,613,698	0.27	29	516.27	29.9	154.4
05	1,055,100	4.1	180	1,055,100	2.1	92	1,820,748	0.28	21	470.70	29.2	137.4
06	970,338			970,338	2.1	85	2,798,251	0.27	32	370.70	28.4	105.3
07	1,061,771			1,061,771			2,594,473	0.27	29	.00	28.1	.0
08	1,044,189	3.7	161	1,044,189			2,759,447	0.26	30	.00	28.3	.0
09	1,040,122			1,040,122	2.7	117	2,654,246	0.27	30	495.47	30.2	149.6
10	1,042,434	3.7	161	1,042,434	2.3	100	2,712,808	0.25	28	541.50	28.9	156.5
11	1,004,179			1,004,179	2.2	92	2,692,361	0.27	30	468.31	27.6	129.3
12	1,033,418	3.7	159	1,033,418	2.1	91	3,096,499	0.29	37	517.73	28.9	149.6
13	1,013,718			1,013,718	2.0	85	2,751,513	1.18	135	372.72	31.2	116.3
14	1,014,776			1,014,776			2,790,356	0.76	88	.00	30.3	.0
15	1,011,846	4.0	169	1,011,846			2,723,174	0.57	64	.00	30.3	.0
16	1,002,768			1,002,768	2.6	109	2,690,277	0.35	39	520.91	30.8	160.4
17	1,004,646	3.6	151	1,004,646	2.4	101	2,549,868	0.24	25	547.37	28.5	156.0
18	1,002,668			1,002,668	2.0	84	2,216,182	0.22	20	.00	29.2	.0
19	995,893	3.9	162	995,893	2.0	83	3,071,382	0.23	29	396.41	29.1	115.4
20	991,331			991,331	2.1	87	2,866,306	0.25	30	468.48	27.9	130.7
21	1,006,338			1,006,338			2,742,436	0.24	27	321.93	29.8	95.9
22	1,006,939	4.0	168	1,006,939			2,711,539	0.24	27	.00	28.3	.0
23	1,003,876			1,003,876	2.2	92	3,132,735	0.30	39	496.46	29.7	147.4
24	993,101	3.4	141	993,101	2.2	91	3,245,123	0.29	39	473.75	29.6	140.2
25	989,041			989,041	2.2	91	870,832	0.27	10	196.59	29.7	58.4
26	983,669	3.9	160	983,669	1.8	74	1,723,453	0.28	20	471.81	28.4	134.0
27	1,008,968			1,008,968	2.1	88	3,135,726	0.29	38	518.31	30.5	158.1
28	996,230			996,230			2,631,970	0.27	30	298.84	30.3	90.5
29	989,694	3.6	149	989,694			2,731,088	0.27	31	.00	30.5	.0
30	954,849			954,849	2.3	92	3,037,117	0.31	39	544.25	30.9	168.2
31	965,624	3.6	145	965,624	2.2	89	3,098,559	0.33	42	544.36	28.5	155.1
avg	1,018,142	3.7	158	1,018,142	2.2	91	2,696,852	0.33	37	344.95	29.4	101.2
sum	31,562,391		4,851	31,562,391		2,854	83,602,419		1,148.77	10,693.51		3,141.82

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.
 Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations:
 Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
Solids Report - 01-NOV-2006 to 30-NOV-2006

Date	Pt. Loma Raw sludge		Pt. Loma Digested Biosolids		MetroBiosolids Cnt. Combined Centrate		MetroBiosolids Cnt. Dewatered Biosolids					
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS	Dry Tons
01	901,431			901,431	2.3	87	2,588,431	0.24	26	495.02	27.9	138.1
02	807,318	3.8	128	807,318	2.1	71	2,544,149	0.31	33	545.06	27.2	148.3
03	920,172			920,172	2.1	81	2,562,578	0.33	35	469.26	27.6	129.5
04	975,213			975,213			2,643,604	0.32	35	.00	28.4	.0
05	979,310	2.8	114	979,310			2,658,266	0.28	31	.00	29.2	.0
06	955,519			955,519	2.1	84	2,667,334	0.29	32	523.50	28.6	149.7
07	851,351	4.1	146	851,351	2.2	78	2,639,488	0.30	33	519.71	29.1	151.2
08	958,185			958,185	2.0	80	2,677,407	0.30	33	517.97	28.9	149.7
09	960,017			960,017	2.1	84	2,078,169	0.39	34	343.71	30.2	103.8
10	952,823			952,823			2,881,764	0.39	47	368.34	29.9	110.1
11	933,454			933,454			2,696,472	0.33	37	292.87	30.6	89.6
12	930,959	4.0	155	930,959			2,645,317	0.34	38	.00	29.9	.0
13	929,139			929,139	2.2	85	2,630,953	0.31	34	440.08	29.6	130.3
14	935,694	3.8	148	935,694	2.2	86	2,202,679	0.32	29	515.59	28.8	148.5
15	919,081			919,081	2.3	88	1,924,668	0.35	28	416.85	29.1	121.3
16	940,822	3.9	153	940,822	2.4	94	2,591,967	0.27	29	493.09	26.8	132.1
17	948,750			948,750	2.2	87	2,821,096	0.30	35	464.28	27.0	125.4
18	950,292			950,292			2,795,888	0.29	34	295.78	28.4	84.0
19	822,175	3.9	134	822,175			2,753,735	0.26	30	.00	28.5	.0
20	854,336			854,336	2.1	75	2,508,717	0.25	26	519.01	28.4	147.4
21	929,126	3.8	147	929,126	2.3	89	2,692,248	0.26	29	541.83	28.8	156.0
22	945,082			945,082	2.1	83	2,687,638	0.31	35	466.00	27.8	129.5
23	951,209	3.7	147	951,209			2,704,772	0.30	34	.00	31.8	.0
24	937,397			937,397	2.5	98	2,692,202	0.25	28	518.54	31.2	161.8
25	928,449			928,449			2,581,650	0.34	37	297.51	35.4	105.3
26	865,240	3.6	130	865,240			2,476,463	0.77	79	.00	34.1	.0
27	781,959			781,959	2.2	72	2,841,014	0.60	70	544.25	31.5	171.4
28	763,950	3.8	121	763,950	2.0	64	2,799,165	0.42	49	523.91	30.3	158.7
29	910,914			910,914	2.0	76	2,416,813	0.22	22	540.37	32.0	172.9
30	887,583	3.7	137	887,583	1.8	67	2,783,231	0.23	27	543.05	29.3	159.1
avg	910,898	3.7	138	910,898	2.2	81	2,606,263	0.33	36	373.19	29.5	109.1
sum	27,326,950		4,264	27,326,950		2,461	78,187,878		1,071.05	11,195.58		3,307.55

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.

Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:

Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Point Loma Monthly Monitoring Report
 Solids Report - 01-DEC-2006 to 31-DEC-2006

Date	Pt. Loma Raw sludge			Pt. Loma Digested Biosolids			MetroBiosolids Cnt. Combined Centrate			MetroBiosolids Cnt. Dewatered Biosolids			Dry Tons
	Gallons	%TS	Tons	Gallons	%TS	Tons	Gallons	%TS	Tons	Wet Tons	%TS		
01	887,932			887,932	2.1	78	2,475,414	0.24	25	514.03	28.9	148.6	
02	928,061			928,061			2,595,033	0.27	29	294.39	28.2	83.0	
03	929,831	3.8	147	929,831			2,498,980	0.24	25	.00	27.6	.0	
04	919,243			919,243	2.0	77	2,735,440	0.25	29	565.34	27.1	153.2	
05	921,293	3.9	150	921,293	2.1	81	2,847,695	0.25	30	524.93	27.9	146.5	
06	834,981			834,981	2.3	80	2,103,292	0.31	27	396.14	28.7	113.7	
07	918,461	3.8	146	918,461	2.1	80	670,640	0.32	9	471.76	32.8	154.7	
08	918,351			918,351	1.9	73	*	*	*	.00	29.1	.0	
09	912,871			912,871			1,250,001	1.62	84	.00	29.1	.0	
10	916,633	4.2	161	916,633			2,941,446	0.69	85	.00	31.6	.0	
11	916,061			916,061	2.2	84	2,978,350	1.09	135	520.29	30.2	157.1	
12	904,816	3.9	147	904,816	2.0	76	2,976,020	0.62	76	490.94	29.4	144.3	
13	891,826			891,826	2.3	86	2,943,383	0.27	33	466.33	28.7	133.8	
14	906,558	3.6	136	906,558	2.1	79	2,638,393	0.25	28	496.15	29.4	145.9	
15	904,869			904,869	2.0	76	2,480,152	0.24	25	489.91	27.5	134.7	
16	907,885			907,885			2,402,496	0.23	23	367.54	29.8	109.5	
17	912,335	3.8	145	912,335			2,413,325	0.25	25	.00	29.1	.0	
18	833,075			833,075	2.1	73	2,399,221	0.26	26	522.03	28.1	146.7	
19	898,060	3.7	139	898,060	2.3	86	1,702,686	0.28	20	470.52	29.8	140.2	
20	861,433			861,433	2.3	83	1,880,504	0.28	22	495.72	28.8	142.8	
21	902,771	3.6	136	902,771	2.1	79	2,238,826	0.27	25	501.00	28.4	142.3	
22	892,003			892,003	2.0	74	2,064,963	0.32	28	416.44	30.2	125.8	
23	897,885			897,885			2,349,110	0.28	27	295.93	32.8	97.1	
24	912,310			912,310			2,326,830	0.27	26	.00	28.7	.0	
25	915,859			915,859			2,287,320	0.29	27	.00	30.2	.0	
26	875,727	3.2	117	875,727	2.2	80	2,525,663	0.28	29	498.29	29.4	146.5	
27	921,110			921,110	2.0	77	2,554,996	0.28	30	414.85	27.9	115.7	
28	936,204	3.6	141	936,204	1.9	74	2,453,277	0.26	27	499.99	28.5	142.5	
29	930,679			930,679	2.0	78	2,380,225	0.25	25	418.69	27.7	116.0	
30	938,528			938,528			2,360,728	0.25	25	348.48	28.5	99.3	
31	933,063			933,063			2,353,827	0.25	25	.00	28.1	.0	
avg	905,829	3.7	142	905,829	2.1	79	2,284,782	0.36	35	338.05	29.1	98.1	
sum	28,080,714		4,375	28,080,714		2,459	70,828,236		1,076.56	10,479.69		3,049.93	

*=No Sample taken, plant shutdown for cleaning.

Sludge and Biosolids Totals are calculated using the total flow and average %TS values since there are not values for every day of the month.
 Note: The Tons and Dry Tons calculations of the summary totals is computed by using the following equations.:
 Tons = Monthly Total Gallons*(8.34 lbs/Gallon)*(1Ton/2000 lbs)*(%TS/100), Dry Tons = (Monthly Total Wet Tons)*(%TS/100)

Enclosure 5 - Copies of Monthly Biosolids Use/Disposal Summary reports for 2006.

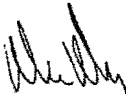
CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use January 2006		Landfilled		Beneficial Use				Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons
		ADC		Land Application		Land Application				
		Otay Landfill	Otay Landfill	Field YM 2-A03	Field YM 2-A19	Field YM 1-17	Field YM 1-8			
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona	Yuma County Arizona	Yuma County Arizona			
Date	Day	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons			
1/1/2006	Sunday							0.00	29.40	0.00
1/2/2006	Monday		290.70	51.03				341.73	28.90	98.76
1/3/2006	Tuesday		361.25	74.65				435.90	28.00	122.05
1/4/2006	Wednesday		434.99	50.45				485.44	29.00	140.78
1/5/2006	Thursday		433.98	74.84				508.92	27.20	138.43
1/6/2006	Friday		433.94			24.96		458.90	30.60	141.34
1/7/2006	Saturday		285.43			75.84		361.27	29.40	107.10
1/8/2006	Sunday							0.00	28.60	0.00
1/9/2006	Monday		412.43			50.83		463.26	28.70	132.96
1/10/2006	Tuesday		408.98			49.66		458.64	30.20	138.51
1/11/2006	Wednesday		363.80				51.49	415.29	28.80	119.60
1/12/2006	Thursday		337.50				75.48	412.98	28.50	117.70
1/13/2006	Friday		361.11				50.69	411.70	29.00	119.39
1/14/2006	Saturday		290.33				25.86	316.19	28.30	89.48
1/15/2006	Sunday							0.00	28.20	0.00
1/16/2006	Monday		409.84					409.84	27.90	114.35
1/17/2006	Tuesday		385.36				50.18	435.52	28.50	124.12
1/18/2006	Wednesday		388.99				49.93	438.92	26.80	117.09
1/19/2006	Thursday		291.75				73.04	364.79	27.30	99.59
1/20/2006	Friday		289.38				98.97	388.35	27.20	105.63
1/21/2006	Saturday		218.68				74.03	292.71	29.30	85.76
1/22/2006	Sunday							0.00	29.20	0.00
1/23/2006	Monday		268.96				125.20	394.16	31.60	124.55
1/24/2006	Tuesday		337.65				148.59	486.24	29.70	144.41
1/25/2006	Wednesday		365.80				124.25	490.05	31.10	152.41
1/26/2006	Thursday		386.14				148.55	534.69	28.70	153.46
1/27/2006	Friday		241.99					241.99	28.30	103.67
1/28/2006	Saturday		294.74					294.74	29.10	100.39
1/29/2006	Sunday							0.00	28.10	0.00
1/30/2006	Monday		392.42					392.42	27.50	127.85
1/31/2006	Tuesday		311.97					311.97	30.30	131.90
Totals:		0.00	8,999.11	251.07	201.29	1,096.14	370.41	10,916.02	28.83	3,147.21
									Monthly average % solids:	28.83

Daily average wet tons produced:	352.19
Daily average dry tons produced:	101.52

Total tons, Landfilled:	0.00
Cost per ton:	\$30.96
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	8,999.11
Cost per ton:	\$38.48
Total cost, Beneficial use/ADC:	\$346,285.75
Total tons, Beneficial use/Land App.:	1,918.91
Cost per ton:	\$38.48
Total cost, Beneficial use/Land App.:	\$73,839.66
Total cost:	\$420,125.41


 Warren Wang

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 January 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
12/30/2005	14,680	33.2	1/3/2006
1/4/2006	12,340	24.1	1/6/2006
1/6/2006	19,420	35.1	1/10/2006
1/11/2006	13,880	35.2	1/13/2006
1/13/2006	18,540	31.7	1/17/2006
1/18/2006	13,280	39.8	1/20/2006
1/20/2006	18,380	35.3	1/24/2006
1/25/2006	12,700	36.5	1/27/2006
1/27/2006	18,040	28.1	1/31/2006
Total:	141,260		
Average:	15,696	33.2	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0		

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
1/2/2006	15,520	59.0	1/4/2006
1/11/2006	8,500	50.5	1/18/2006
1/18/2006	14,520	53.7	1/25/2006
Total:	38,540		
Average:	12,847	54.4	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
12/30/2005	18,300	22.8	1/2/2006
1/3/2006	13,460	38.7	1/5/2006
1/6/2006	18,040	32.0	1/9/2006
1/10/2006	15,560	36.3	1/12/2006
1/13/2006	18,260	33.2	1/16/2006
1/17/2006	14,560	21.7	1/19/2006
1/20/2006	17,840	27.2	1/23/2006
1/25/2006	15,100	29.0	1/26/2006
1/27/2006	16,080	25.5	1/30/2006
Total:	147,200		
Average:	16,356	29.6	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
1/4/2006	8,760	29.2	1/11/2006
1/18/2006	5,760	35.6	1/25/2006
Total:	14,520		
Average:	7,260	32.4	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
1/6/2006	13,720	31.6	1/11/2006
1/20/2006	12,340	28.8	1/25/2006
Total:	26,060		
Average:	13,030	30.2	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0		

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0		

O&M DIVISION TOTALS			
	Screenings		Grit
Pounds	1,110,440		270,440
Tons	555.22		135.22

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 January 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
12/31/2005				27,220	38.8	1/2/2006			
1/1/2006				22,440	35.1	1/2/2006	6,080	40.0	1/2/2006
1/2/2006	11,380	36.1	1/3/2006	25,080	40.2	1/3/2006	15,960	40.7	1/3/2006
1/3/2006				25,840	30.1	1/4/2006	14,540	64.3	1/4/2006
1/4/2006				25,780	38.0	1/5/2006	9,740	65.9	1/5/2006
1/5/2006	9,700	49.2	1/6/2006	24,260	38.0	1/6/2006	10,480	65.8	1/6/2006
1/6/2006				24,760	37.0	1/7/2006	7,720	57.2	1/7/2006
1/7/2006				25,000	45.6	1/8/2006	13,300	58.1	1/8/2006
1/8/2006				24,760	39.5	1/9/2006	7,320	61.2	1/9/2006
1/8/2006				23,000	38.7	1/9/2006			
1/9/2006	12,020	32.9	1/10/2006	19,180	39.4	1/10/2006	9,120	26.4	1/10/2006
1/10/2006				22,000	41.5	1/11/2006	7,620	43.3	1/11/2006
1/11/2006				24,300	36.3	1/12/2006	10,120	44.6	1/12/2006
1/11/2006				23,260	34.9	1/12/2006			
1/12/2006	9,400	46.4	1/13/2006	26,300	37.7	1/13/2006	11,360	62.2	1/13/2006
1/13/2006				26,000	36.7	1/14/2006	9,040	56.0	1/14/2006
1/14/2006				22,980	34.8	1/15/2006	7,240	45.0	1/15/2006
1/15/2006				23,280	37.8	1/16/2006	8,560	59.8	1/16/2006
1/16/2006	13,640	39.6	1/17/2006	25,280	39.7	1/17/2006			
1/17/2006				22,180	43.5	1/18/2006	12,360	50.4	1/18/2006
1/18/2006	10,020	34.3	1/20/2006	25,600	37.9	1/19/2006	16,600	45.7	1/19/2006
1/19/2006				23,980	36.2	1/20/2006	8,340	58.6	1/20/2006
1/20/2006				20,580	38.3	1/21/2006			
1/21/2006				20,520	43.2	1/22/2006			
1/21/2006				22,840	40.9	1/22/2006			
1/22/2006				23,300	42.0	1/23/2006	21,580	61.2	1/23/2006
1/23/2006	15,480	42.9	1/24/2006	23,580	35.5	1/24/2006	18,380	55.9	1/24/2006
1/23/2006				20,880	35.7	1/24/2006			
1/24/2006				12,620	37.8	1/25/2006			
1/25/2006				22,960	35.1	1/26/2006	6,440	53.4	1/26/2006
1/26/2006	11,380	50.6	1/27/2006	22,120	37.5	1/27/2006	16,020	55.5	1/27/2006
1/27/2006				26,380	36.6	1/28/2006	8,040	48.9	1/28/2006
1/28/2006				23,760	37.2	1/29/2006			
1/29/2006				26,040	37.7	1/30/2006	5,820	49.3	1/30/2006
1/29/2006				20,380	39.6	1/30/2006			
1/30/2006	12,460	37.7	1/31/2006	22,440	39.8	1/31/2006	16,920	53.4	1/31/2006
Totals:	105,480			840,880			278,700		
Averages:	11,720	41.1		23,358	38.2		11,148	52.9	

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL
 January 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
1/11/2006	17.58
1/25/2006	18.41
Average:	18.00
Total:	35.99

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	35.99

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 January 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
1/4/2006	800			2,460				2,520			
1/5/2006						4,300					
1/10/2006		2,200									
1/11/2006	940										
1/12/2006			4,040								2,820
1/17/2006			1,620				2,800				
1/18/2006	2,440					3,140					
1/23/2006				1,840							
1/24/2006		1,500									
1/25/2006	1,300									1,000	
1/26/2006									5,400		
1/31/2006			2,860								1,940
Totals:	5,480	3,700	8,520	4,300	0	7,440	2,800	2,520	5,400	1,000	4,760
Grand total:				45,920 Pounds							

CLEAN GREEN RECYCLING
 January 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
1/13/2006						600				
Totals:	0	0	0	0	0	600	0	0	0	0
Grand total:				600 Pounds						

CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use February 2006		Landfilled	Beneficial Use			Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
			ADC	Land Application	Land Application				
		Otay Landfill	Otay Landfill	Field YM 1-8	Field YM 1-2				
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona				
		Biosolids	Biosolids	Biosolids	Biosolids				
Date	Day	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons				
2/1/2006	Wednesday		363.35	98.88		462.23	29.10	134.51	
2/2/2006	Thursday		363.48	75.13		438.61	29.60	129.83	
2/3/2006	Friday		385.48	49.52		435.00	29.40	127.89	
2/4/2006	Saturday					0.00	28.00	0.00	
2/5/2006	Sunday					0.00	30.40	0.00	
2/6/2006	Monday		337.67	98.68		436.35	29.60	128.16	
2/7/2006	Tuesday		360.60	72.92		433.52	28.50	123.55	
2/8/2006	Wednesday		412.39	73.74		486.13	29.60	143.89	
2/9/2006	Thursday		338.32	49.08		387.40	27.40	106.15	
2/10/2006	Friday		383.57	74.15		457.72	27.80	127.25	
2/11/2006	Saturday					0.00	28.70	0.00	
2/12/2006	Sunday					0.00	29.90	0.00	
2/13/2006	Monday		422.81	50.06		472.87	27.80	131.46	
2/14/2006	Tuesday		441.19	25.59		466.78	28.90	134.90	
2/15/2006	Wednesday		444.30	49.14		493.44	27.10	133.72	
2/16/2006	Thursday		440.59	99.61		540.20	28.50	153.96	
2/17/2006	Friday		98.38	75.06		173.44	28.90	50.12	
2/18/2006	Saturday					0.00	27.70	0.00	
2/19/2006	Sunday					0.00	30.60	0.00	
2/20/2006	Monday		409.27	25.42		434.69	30.50	132.58	
2/21/2006	Tuesday		418.15	25.59		443.74	28.10	124.69	
2/22/2006	Wednesday		443.86	50.65		494.52	28.50	140.94	
2/23/2006	Thursday		319.25		50.16	369.41	27.90	103.07	
2/24/2006	Friday		420.01		122.84	542.85	29.90	162.31	
2/25/2006	Saturday		220.80		74.41	295.21	27.40	80.89	
2/26/2006	Sunday					0.00	28.80	0.00	
2/27/2006	Monday		444.66		24.64	469.30	31.00	145.48	
2/28/2006	Tuesday	390.81			74.39	465.20	30.20	140.49	
Totals:		390.81	7,468.13	993.23	346.44	9,198.61		2,680.37	
							Monthly average % solids:	28.52	

Daily average wet tons produced:	328.52
Daily average dry tons produced:	95.01

Total tons, Landfilled:	390.81
Cost per ton:	\$30.96
Total cost, Landfilled:	\$12,099.48
Total tons, Beneficial use/ADC:	7,468.13
Cost per ton:	\$38.48
Total cost, Beneficial use/ADC:	\$287,373.64
Total tons, Beneficial use/Land App.:	1,339.67
Cost per ton:	\$38.48
Total cost, Beneficial use/Land App.:	\$51,550.50
Total cost:	\$351,023.62

%TS results for 2/17/06 are the average for the month. No samples were taken due to plant shutdown.

Rain on 2/27-2/28 prevented ADC operations at Otay Landfill.

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.

The average monthly %TS is used to calculate the total monthly dry tons produced.

ADC - Alternative Daily Cover.

Warren Wazny
Warren Wazny

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL
February 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
2/1/2006	12,300	37.8	2/3/2006
2/3/2006	15,120	32.4	2/7/2006
2/8/2006	12,280	44.7	2/10/2006
2/10/2006	13,600	29.0	2/14/2006
2/15/2006	12,640	34.4	2/17/2006
2/17/2006	14,320	33.8	2/21/2006
2/23/2006	13,280	26.9	2/24/2006
2/24/2006	20,060	37.1	2/28/2006
Total:	113,600		
Average:	14,200	34.5	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
2/10/2006	13,400	22.4	2/13/2006
Total:	13,400		
Average:	13,400	22.4	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
1/25/2006	11,680	41.5	2/1/2006
2/1/2006	17,260	50.5	2/8/2006
2/10/2006	15,620	57.1	2/13/2006
2/15/2006	7,360	51.5	2/22/2006
2/25/2006	17,420	42.2	2/28/2006
Total:	69,340		
Average:	13,868	48.6	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
1/31/2006	14,640	27.9	2/2/2006
2/3/2006	18,500	37.9	2/6/2006
2/7/2006	14,040	27.5	2/9/2006
2/10/2006	20,120	33.0	2/13/2006
2/14/2006	17,640	36.2	2/16/2006
2/17/2006	15,100	37.5	2/19/2006
2/21/2006	19,340	53.1	2/23/2006
2/24/2006	19,120	33.5	2/27/2006
Total:	138,500		
Average:	17,313	35.8	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
2/2/2006	9,640	34.9	2/8/2006
2/15/2006	9,680	33.0	2/22/2006
Total:	19,320		
Average:	9,660	34.0	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
2/3/2006	15,840	28.4	2/8/2006
2/17/2006	13,900	24.5	2/22/2006
Total:	29,740		
Average:	14,870	26.5	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0		

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0		

O&M DIVISION TOTALS			
	Screenings Pounds		Grit Tons
	1,183,240		316,640
	591.62		158.32

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 February 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
1/31/2006				22,020	37.6	2/1/2006	14,280	54.5	2/1/2006
2/1/2006				25,980	39.3	2/2/2006	6,560	51.1	2/2/2006
2/1/2006				19,020	39.9	2/2/2006			
2/2/2006	10,800	42.8	2/3/2006	24,240	36.2	2/3/2006	7,560	56.1	2/3/2006
2/3/2006				20,140	37.9	2/4/2006	8,060	54.9	2/4/2006
2/3/2006				18,860	40.5	2/4/2006			
2/4/2006				18,880	37.0	2/5/2006	15,040	50.7	2/5/2006
2/5/2006				21,060	34.7	2/6/2006	7,500	59.9	2/6/2006
2/6/2006	15,720	51.9	2/7/2006	17,480	38.5	2/7/2006	8,140	60.7	2/7/2006
2/7/2006				25,320	38.2	2/8/2006	7,420	50.8	2/8/2006
2/8/2006				21,480	38.7	2/9/2006	6,520	52.4	2/9/2006
2/8/2006				19,980	38.2	2/9/2006			
2/9/2006	10,940	38.7	2/10/2006	20,560	37.8	2/10/2006	8,240	59.5	2/10/2006
2/10/2006				22,040	42.0	2/11/2006	9,600	47.9	2/11/2006
2/10/2006				14,320	43.8	2/11/2006			
2/11/2006				23,440	38.7	2/12/2006	7,480	66.4	2/12/2006
2/12/2006				22,480	35.5	2/13/2006	7,700	61.7	2/13/2006
2/12/2006				21,000	38.6	2/13/2006			
2/13/2006	12,760	43.7	2/14/2006	21,800	35.8	2/14/2006	8,600	66.9	2/14/2006
2/14/2006				24,800	37.7	2/15/2006	7,860	62.1	2/15/2006
2/15/2006	10,080	38.6	2/17/2006	22,040	42.5	2/16/2006	7,560	51.4	2/16/2006
2/16/2006				19,040	38.1	2/17/2006	7,520	58.8	2/17/2006
2/17/2006				24,200	40.0	2/18/2006	8,160	56.2	2/18/2006
2/18/2006				23,480	41.0	2/19/2006	7,040	48.9	2/19/2006
2/19/2006				25,600	38.8	2/20/2006	9,300	48.0	2/20/2006
2/20/2006	12,780	44.9	2/21/2006	20,580	37.9	2/21/2006	7,840	49.9	2/21/2006
2/20/2006				16,900	37.2	2/21/2006			
2/21/2006				15,240	36.1	2/22/2006	11,540	65.2	2/22/2006
2/22/2006				25,160	39.3	2/23/2006	6,760	66.9	2/23/2006
2/23/2006	9,280	47.8	2/24/2006	21,360	38.2	2/24/2006	9,460	58.8	2/24/2006
2/23/2006				18,660	39.4	2/24/2006			
2/24/2006				24,560	38.1	2/25/2006	7,260	60.8	2/25/2006
2/25/2006				21,020	37.4	2/26/2006	8,160	42.3	2/26/2006
2/25/2006				22,360	39.2	2/26/2006			
2/26/2006				23,100	37.9	2/27/2006	11,300	49.8	2/27/2006
2/27/2006	13,180	54.2	2/28/2006	24,940	33.6	2/28/2006	14,840	55.5	2/28/2006
Totals:	95,540			773,140			247,300		
Averages:	11,943	45.3		21,476	38.4		8,832	56.0	

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL
 February 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
2/10/2006	18.24
2/24/2006	18.25
Average:	18.25
Total:	36.49

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	36.49

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
REFUSE REMOVAL
February 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
2/1/2006	2,040										
2/2/2006											2,260
2/8/2006	3,200										
2/13/2006						1,720					
2/14/2006			3,780								
2/15/2006	1,720	2,960			5,740						
2/16/2006					2,880						
2/20/2006					1,500						
2/22/2006	2,140										
2/23/2006					680						
2/27/2006			2,740		1,860						
Totals:	9,100	2,960	6,520	0	12,660	1,720	0	0	0	0	2,260
Grand total:				35,220 Pounds							

CLEAN GREEN RECYCLING
February 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
2/6/2006		1,960								
2/13/2006						2,400				
Totals:	0	1,960	0	0	0	2,400	0	0	0	0
Grand total:				4,360 Pounds						

CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use March 2006		Landfilled	Beneficial Use			Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
			ADC	Land Application	Land Application				Land Application
		Otay Landfill	Otay Landfill	Field YM 1-2	Field YM 1-7				Field YM 1-19
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona				Yuma County Arizona
		Biosolids	Biosolids	Biosolids	Biosolids				Biosolids
Date	Day	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons			
3/1/2006	Wednesday	391.52		74.48			466.00	28.20	131.41
3/2/2006	Thursday		412.06	50.55			462.61	29.20	135.08
3/3/2006	Friday		339.87	98.87			438.54	30.30	132.88
3/4/2006	Saturday						0.00	29.40	0.00
3/5/2006	Sunday						0.00	29.20	0.00
3/6/2006	Monday		294.79	74.13			368.92	27.90	102.93
3/7/2006	Tuesday		121.60	122.54			244.14	29.60	72.27
3/8/2006	Wednesday		146.75	147.06			293.81	31.20	91.67
3/9/2006	Thursday		363.55	97.45			461.00	29.40	135.53
3/10/2006	Friday		294.85	98.83			393.68	29.60	116.53
3/11/2006	Saturday	146.05					146.05	28.90	42.21
3/12/2006	Sunday						0.00	27.70	0.00
3/13/2006	Monday	443.21		23.54			466.75	28.40	132.56
3/14/2006	Tuesday		392.66	74.84			467.50	28.80	134.64
3/15/2006	Wednesday		414.73	98.25			512.98	29.00	148.76
3/16/2006	Thursday		392.87	75.35			468.22	29.50	138.12
3/17/2006	Friday		442.20				442.20	30.40	134.43
3/18/2006	Saturday		267.27				267.27	29.40	78.58
3/19/2006	Sunday						0.00	31.00	0.00
3/20/2006	Monday		441.17		50.83		492.00	29.20	143.66
3/21/2006	Tuesday	122.01	295.24		24.88		442.13	29.60	130.87
3/22/2006	Wednesday		369.84		99.70		469.54	29.70	139.45
3/23/2006	Thursday		369.41		50.89		420.30	30.80	128.61
3/24/2006	Friday		417.56		24.40		441.96	30.40	134.36
3/25/2006	Saturday		272.32				272.32	30.10	81.97
3/26/2006	Sunday						0.00	29.50	0.00
3/27/2006	Monday		447.11				447.11	31.80	142.18
3/28/2006	Tuesday		444.31		24.80		469.11	30.10	141.20
3/29/2006	Wednesday						0.00	29.70	0.00
3/30/2006	Thursday		344.65		49.33		393.98	30.00	118.19
3/31/2006	Friday		369.35			24.99	394.35	29.50	116.33
Totals		1,102.79	7,653.97	1,035.89	324.63	24.99	10,142.47		3,001.19

Monthly average % cake solids: 29.59

Daily average wet tons produced:	327.18
Daily average dry tons produced:	96.81

Total tons, Landfilled:	1,102.79
Cost per ton:	\$30.96
Total cost, Landfilled:	\$34,142.38
Total tons, Beneficial use/ADC:	7,653.97
Cost per ton:	\$38.48
Total cost, Beneficial use/ADC:	\$294,524.77
Total tons, Beneficial use/Land App.:	1,385.71
Cost per ton:	\$38.48
Total cost, Beneficial use/Land App.:	\$53,322.12
Total cost:	\$381,989.26


 Warren Wenz

%TS results for 3/7/06 are the average for the month. No samples were taken due to plant shutdown.
 The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL
March 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/1/2006	13,260	27.6	3/3/2006
3/3/2006	13,420	35.9	3/7/2006
3/8/2006	14,620	28.2	3/10/2006
3/10/2006	15,000	27.1	3/14/2006
3/15/2006	11,220	31.3	3/17/2006
3/17/2006	19,660	32.9	3/21/2006
3/22/2006	12,380	32.7	3/24/2006
3/24/2006	16,000	31.8	3/28/2006
3/29/2006	8,240	32.0	3/30/2006
Total:	123,800		
Average:	13,756	31.1	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/23/2006	11,420	20.7	3/27/2006
Total:	11,420		
Average:	11,420	20.7	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
3/2/2006	6,480	42.3	3/8/2006
3/13/2006	8,240	45.4	3/15/2006
3/18/2006	13,760	45.7	3/21/2006
3/27/2006	6,600	40.1	3/29/2006
Total:	35,080		
Average:	8,770	43.4	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
2/28/2006	13,680	29.8	3/2/2006
3/3/2006	20,320	38.9	3/6/2006
3/7/2006	13,700	71.2	3/9/2006
3/10/2006	17,960	41.5	3/13/2006
3/14/2006	17,140	40.4	3/16/2006
3/17/2006	18,600	41.0	3/20/2006
3/21/2006	14,160	35.7	3/23/2006
3/24/2006	18,880	36.4	3/27/2006
3/28/2006	17,740	31.8	3/30/2006
Total:	152,180		
Average:	16,909	40.7	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/1/2006	8,180	34.7	3/8/2006
3/15/2006	10,920	33.2	3/22/2006
Total:	19,100		
Average:	9,550	34.0	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/3/2006	12,480	26.1	3/8/2006
3/17/2006	15,220	25.5	3/22/2006
Total:	27,700		
Average:	13,850	25.8	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:			

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:			

O&M DIVISION TOTALS			
	Screenings Pounds	Total Solids, %	Grit Tons
	1,212,320		334,040
	606.16		167.02

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 March 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
2/28/2006				25,360	35.7	3/1/2006	11,120	60.9	3/1/2006
3/1/2006				24,000	37.7	3/2/2006	14,180	78.5	3/2/2006
3/2/2006				22,220	39.7	3/3/2006	13,120	75.0	3/3/2006
3/3/2006	17,900	47.0	3/6/2006	20,360	38.6	3/4/2006	9,420	70.5	3/4/2006
3/3/2006				23,280	36.5	3/4/2006			
3/4/2006							9,460	75.0	3/5/2006
3/5/2006				16,780	37.1	3/6/2006	10,940	55.6	3/6/2006
3/5/2006				22,560	52.1	3/6/2006			
3/6/2006				21,320	39.0	3/7/2006	11,000	60.7	3/7/2006
3/6/2006				22,160	39.0	3/7/2006			
3/7/2006							9,820	48.0	3/8/2006
3/8/2006				16,820	39.0	3/9/2006	9,480	49.8	3/9/2006
3/8/2006				20,660	36.8	3/9/2006			
3/9/2006	12,180	42.6	3/10/2006	20,700	36.2	3/10/2006	9,780	53.5	3/10/2006
3/9/2006				20,740	34.5	3/10/2006			
3/10/2006				23,780	37.3	3/11/2006	10,620	57.3	3/11/2006
3/11/2006				22,820	39.1	3/12/2006	8,460	58.7	3/12/2006
3/12/2006				19,320	40.5	3/13/2006	8,260	62.5	3/13/2006
3/12/2006				20,520	39.9	3/13/2006			
3/13/2006	12,560	65.0	3/14/2006	18,460	38.1	3/14/2006	9,420	45.9	3/14/2006
3/14/2006				17,200	40.7	3/15/2006	8,440	51.9	3/15/2006
3/15/2006				18,460	35.8	3/16/2006	9,660	57.6	3/16/2006
3/15/2006				18,500	37.9	3/16/2006			
3/16/2006	13,320	61.5	3/17/2006	18,880	37.7	3/17/2006	11,340	61.2	3/17/2006
3/17/2006				24,400	43.8	3/18/2006			
3/18/2006				19,260	42.4	3/19/2006	8,600	53.8	3/19/2006
3/19/2006				21,500	39.5	3/20/2006	14,700	61.1	3/20/2006
3/19/2006				21,340	37.7	3/20/2006			
3/20/2006	14,480	56.3	3/21/2006	17,640	35.3	3/21/2006	8,780	44.9	3/21/2006
3/21/2006				18,620	42.0	3/22/2006	8,280	71.4	3/22/2006
3/22/2006	7,400	51.8	3/23/2006	22,060	37.7	3/23/2006	7,500	55.3	3/23/2006
3/22/2006				18,340	39.3	3/23/2006			
3/23/2006				3,320	36.7	3/24/2006	10,180	57.9	3/24/2006
3/24/2006				22,660	39.7	3/25/2006	8,020	47.9	3/25/2006
3/25/2006				20,700	38.1	3/26/2006	9,780	57.3	3/26/2006
3/26/2006				21,820	39.3	3/27/2006	8,040	59.3	3/27/2006
3/27/2006	17,660	48.9	3/28/2006	25,320	39.2	3/28/2006	11,400	62.0	3/28/2006
3/28/2006				21,860	36.4	3/29/2006	9,720	54.6	3/29/2006
3/29/2006	5,460	39.6	3/30/2006	21,880	40.7	3/30/2006	8,500	49.0	3/30/2006
3/30/2006				21,540	37.5	3/31/2006	10,940	66.3	3/31/2006
Totals:	100,960			777,160			298,960		
Averages:	12,620	51.6		20,452	38.8		9,965	58.8	

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL
 March 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
3/6/2006	16.71
3/17/2006	15.53
3/31/2006	15.07
Average:	15.77
Total:	47.31

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	47.31

CITY OF SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT OPERATIONS AND MAINTENANCE DIVISION

REFUSE REMOVAL

March 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
3/2/2006	840	3,020									
3/8/2006	3,300	3,040									
3/10/2006						3,460					
3/14/2006		2,060	1,020								
3/15/2006	2,480										
3/23/2006	2,420										
3/24/2006		16,900		3,080	3,280						
3/29/2006	1,900								3,100		
Totals:	10,940	25,020	1,020	3,080	3,280	3,460	0	0	3,100	0	0
Grand total:				49,900 Pounds							

CLEAN GREEN RECYCLING

March 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
Totals:	0	0	0	0	0	0	0	0	0	0
Grand total:				0 Pounds						

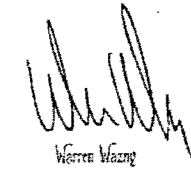
CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use April 2006		Beneficial Use				Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
		Landfilled							
		ADC	Land Application	Land Application					
		Otay Landfill	Otay Landfill	Field YM 1-19	Field YM 2-A02				
San Diego Cnty.	San Diego Cnty.	Yuma County	Yuma County						
California	California	Arizona	Arizona						
Biosolids	Biosolids	Biosolids	Biosolids						
Date	Day	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons				
4/1/2006	Saturday		268.94	24.79		293.73	31.30	91.94	
4/2/2006	Sunday					0.00	31.20	0.00	
4/3/2006	Monday		369.48	74.80		444.38	30.49	135.09	
4/4/2006	Tuesday		348.09	49.21		397.30	31.40	124.75	
4/5/2006	Wednesday	293.60		49.45		343.05	29.60	101.54	
4/6/2006	Thursday		320.70	49.51		370.21	30.50	112.91	
4/7/2006	Friday		342.75	73.82		416.57	30.10	125.39	
4/8/2006	Saturday		295.89			295.89	29.30	86.70	
4/9/2006	Sunday					0.00	29.70	0.00	
4/10/2006	Monday		439.32	99.60		538.92	30.80	165.99	
4/11/2006	Tuesday		369.90	48.63		418.53	30.00	125.56	
4/12/2006	Wednesday		245.70	73.39		319.09	29.90	95.41	
4/13/2006	Thursday		343.58	73.41		416.99	29.50	123.01	
4/14/2006	Friday		317.93	73.28		391.21	30.00	117.38	
4/15/2006	Saturday		195.27	25.70		220.97	29.10	64.30	
4/16/2006	Sunday					0.00	29.40	0.00	
4/17/2006	Monday		444.22	24.88		469.10	30.10	141.20	
4/18/2006	Tuesday		443.70	25.12		468.82	31.50	147.68	
4/19/2006	Wednesday		418.20	48.65		466.85	31.00	144.72	
4/20/2006	Thursday		273.41	49.13		322.54	29.10	93.86	
4/21/2006	Friday		220.44	23.83	50.13	294.40	28.70	84.49	
4/22/2006	Saturday					0.00	29.90	0.00	
4/23/2006	Sunday					0.00	29.70	0.00	
4/24/2006	Monday		296.18		150.29	446.47	30.00	133.94	
4/25/2006	Tuesday		270.66		98.63	369.29	28.40	104.88	
4/26/2006	Wednesday		221.04		74.59	295.63	29.70	87.80	
4/27/2006	Thursday		293.71		50.60	344.31	28.70	98.82	
4/28/2006	Friday		293.72		49.91	343.63	29.60	101.71	
4/29/2006	Saturday					0.00	27.80	0.00	
4/30/2006	Sunday					0.00	29.10	0.00	
Totals		293.60	7,032.83	667.30	474.15	8,667.88		2,593.33	
							Monthly average % cake solids:	29.85	

Daily average wet tons produced:	299.60
Daily average dry tons produced:	86.44

Total tons, Landfilled:	293.60
Cost per ton:	\$30.96
Total cost, Landfilled:	\$9,089.86
Total tons, Beneficial use/ADC:	7,032.83
Cost per ton:	\$38.48
Total cost, Beneficial use/ADC:	\$270,623.30
Total tons, Beneficial use/Land App.:	1,361.45
Cost per ton:	\$38.48
Total cost, Beneficial use/Land App.:	\$52,388.60
Total cost:	\$332,101.75


 Warren Wazny

%TS results for 4/12 and 4/22/06 are the average for the month. No samples were taken due to plant shutdown.
 The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

**METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL**

April 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/30/2006	22,360	20.1	4/4/2006
4/4/2006	12,220	32.0	4/7/2006
4/7/2006	19,640	34.9	4/11/2006
4/12/2006	11,440	30.2	4/14/2006
4/14/2006	16,460	30.9	4/18/2006
4/19/2006	11,880	29.6	4/21/2006
4/21/2006	20,420	29.4	4/25/2006
4/26/2006	12,040	29.4	4/28/2006
Total:	126,460		
Average:	15,808	29.6	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
3/28/2006	19,480	40.8	4/4/2006
4/7/2006	12,800	40.2	4/10/2006
4/13/2006	5,640	43.4	4/17/2006
4/22/2006	4,200	45.4	4/25/2006
Total:	42,120		
Average:	10,530	42.5	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/30/2006	18,160	47.4	4/3/2006
4/4/2006	15,540	34.5	4/6/2006
4/7/2006	18,700	36.3	4/10/2006
4/11/2006	14,600	29.1	4/13/2006
4/14/2006	17,400	34.7	4/17/2006
4/18/2006	14,240	27.0	4/20/2006
4/21/2006	18,620	22.8	4/24/2006
4/26/2006	13,540	34.6	4/27/2006
Total:	130,800		
Average:	16,350	33.3	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/29/2006	14,580	25.8	4/5/2006
4/12/2006	10,460	39.6	4/19/2006
Total:	25,040		
Average:	12,520	32.7	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
3/30/2006	13,020	26.6	4/5/2006
4/14/2006	14,060	24.8	4/19/2006
Total:	27,080		
Average:	13,540	25.7	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
4/3/2006	4,440	22.2	4/6/2006
Total:	4,440		
Average:	4,440	22.2	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
4/3/2006	14,740	82.7	4/7/2006
4/12/2006	14,960	68.3	4/14/2006
Total:	29,700		
Average:	14,850	75.5	

O&M DIVISION TOTALS			
	Screenings Pounds		Grit Tons
	1,125,620		351,860
	562.81		175.93

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 April 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
3/31/2006				21,820	39.4	4/1/2006	10,100	63.7	4/1/2006
4/1/2006				24,100	38.9	4/2/2006	8,540	64.5	4/2/2006
4/2/2006				22,200	40.3	4/3/2006	8,380	60.9	4/3/2006
4/2/2006				21,840	41.2	4/3/2006			
4/3/2006	15,180	52.1	4/4/2006	14,900	39.5	4/4/2006	7,980	42.2	4/4/2006
4/4/2006				20,180	39.8	4/5/2006	8,080	65.8	4/5/2006
4/5/2006				26,020	38.1	4/6/2006	9,600	60.6	4/6/2006
4/5/2006				18,300	35.1	4/6/2006			
4/6/2006	9,540	59.1	4/7/2006	22,360	38.3	4/7/2006	11,680	62.7	4/7/2006
4/7/2006				20,920	36.9	4/8/2006	11,720	55.3	4/8/2006
4/8/2006				17,980	39.7	4/9/2006	7,840	64.3	4/9/2006
4/9/2006				22,200	38.0	4/10/2006	8,220	66.8	4/10/2006
4/9/2006				22,800	36.2	4/10/2006			
4/10/2006	12,660	47.4	4/11/2006				7,000	75.0	4/11/2006
4/11/2006				18,880	38.1	4/12/2006	6,660	63.5	4/12/2006
4/12/2006				22,020	35.5	4/13/2006	8,540	61.0	4/13/2006
4/13/2006	11,560	41.5	4/14/2006	25,080	38.6	4/14/2006	9,180	49.8	4/14/2006
4/14/2006				24,440	36.6	4/15/2006	10,700	51.1	4/15/2006
4/15/2006				15,820	39.7	4/17/2006			
4/16/2006				22,060	39.9	4/17/2006	9,760	40.0	4/17/2006
4/16/2006				22,400	43.1	4/17/2006			
4/17/2006	14,120	48.6	4/18/2006	15,520	38.4	4/18/2006	19,380	52.8	4/18/2006
4/18/2006				18,880	39.8	4/19/2006	7,620	52.2	4/19/2006
4/19/2006				25,300	44.2	4/20/2006	10,580	56.5	4/20/2006
4/20/2006	9,860	37.5	4/21/2006	20,900	36.4	4/21/2006	9,760	42.1	4/21/2006
4/21/2006				17,520	35.5	4/22/2006	8,560	48.9	4/22/2006
4/22/2006				15,840	38.7	4/23/2006	7,740	59.8	4/23/2006
4/23/2006				21,020	45.5	4/24/2006	8,340	54.3	4/24/2006
4/23/2006				20,500	40.7	4/24/2006			
4/24/2006	14,640	34.4	4/25/2006	10,360	36.9	4/25/2006	13,540	61.1	4/25/2006
4/25/2006				21,500	36.4	4/26/2006	9,880	54.4	4/26/2006
4/26/2006	12,880	37.6	4/28/2006	24,420	39.4	4/27/2006	10,600	51.1	4/27/2006
4/27/2006				24,820	36.8	4/28/2006	9,700	62.1	4/28/2006
4/28/2006				23,220	39.7	4/29/2006	11,100	62.0	4/29/2006
4/29/2006				25,240	42.4	4/30/2006	9,260	76.4	4/30/2006
Totals:	100,440			711,360			280,040		
Averages:	12,555	44.8		20,922	38.9		9,657	58.0	

METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL
 April 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
4/14/2006	15.63
Average:	15.63
Total:	15.63

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	15.63

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 April 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
4/3/2006			2,760								
4/5/2006	580										
4/12/2006	3,060	2,600									
4/20/2006											2,920
4/24/2006					3,920	6,140					
4/26/2006	4,840										
4/27/2006			4,220								
Totals:	8,480	2,600	6,980	0	3,920	6,140	0	0	0	0	2,920
Grand total:				31,040 Pounds							

CLEAN GREEN RECYCLING
 April 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
4/14/2006						10,760				
Totals:	0	0	0	0	0	10,760	0	0	0	0
Grand total:						10,760 Pounds				

CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use May 2006		Landfilled	Beneficial Use				Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons
			ADC	Land Application	Land Application	Land Application			
		Otay Landfill	Otay Landfill	Field YM 2-A02	Field YM 1-1	Field YM 1-D2			
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona	Yuma County Arizona			
Date	Day	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons			
5/1/2006	Monday		417.47				417.47	28.90	120.65
5/2/2006	Tuesday		274.38	73.49			347.87	29.60	103.67
5/3/2006	Wednesday		372.18	73.13			445.31	26.80	119.34
5/4/2006	Thursday		320.76	74.10			394.86	29.46	116.33
5/5/2006	Friday		345.20				345.20	28.40	98.04
5/6/2006	Saturday						0.00	30.20	0.00
5/7/2006	Sunday						0.00	29.90	0.00
5/8/2006	Monday		418.33		23.68		442.01	28.60	126.41
5/9/2006	Tuesday		449.76		48.67		498.43	29.10	145.04
5/10/2006	Wednesday		318.09		24.52		342.61	29.46	100.93
5/11/2006	Thursday		74.55		24.33		98.88	28.70	28.38
5/12/2006	Friday		248.16		23.84		272.00	30.90	84.05
5/13/2006	Saturday		250.13				250.13	30.00	75.04
5/14/2006	Sunday						0.00	30.00	0.00
5/15/2006	Monday		420.51		47.53		468.04	30.50	142.75
5/16/2006	Tuesday		449.91				449.91	29.90	134.52
5/17/2006	Wednesday		420.38			24.20	444.58	29.10	129.37
5/18/2006	Thursday		419.15			23.90	442.95	27.80	123.14
5/19/2006	Friday		339.16			50.09	389.25	29.00	112.68
5/20/2006	Saturday						0.00	29.70	0.00
5/21/2006	Sunday						0.00	29.50	0.00
5/22/2006	Monday	438.23				48.54	485.77	28.80	140.19
5/23/2006	Tuesday		440.06			23.64	463.70	30.20	140.04
5/24/2006	Wednesday						0.00	29.60	0.00
5/25/2006	Thursday		440.19			48.25	488.44	29.50	144.09
5/26/2006	Friday		419.56			48.78	468.34	31.30	146.59
5/27/2006	Saturday		244.76			24.37	269.13	30.20	81.28
5/28/2006	Sunday						0.00	29.00	0.00
5/29/2006	Monday		420.51			24.33	444.84	29.50	131.23
5/30/2006	Tuesday		421.22			24.53	445.75	28.60	127.48
5/31/2006	Wednesday		467.24			47.88	515.12	30.80	158.66
Totals		438.23	8,391.65	220.72	192.57	388.41	9,831.59	29.46	2,837.03
Monthly average % cake solids								29.46	

Daily average wet tons produced:	310.70
Daily average dry tons produced:	91.52

Total tons, Landfilled:	438.23
Cost per ton:	\$30.96
Total cost, Landfilled:	\$13,567.60
Total tons, Beneficial use/ADC:	8,391.66
Cost per ton:	\$38.48
Total cost, Beneficial use/ADC:	\$322,911.08
Total tons, Beneficial use/Land App.:	801.70
Cost per ton:	\$38.48
Total cost, Beneficial use/Land App.:	\$30,849.42
Total cost:	\$367,328.09


 Warren Wang

%TS results for 5/4 and 5/10/06 are the average for the month. No samples were taken due to plant shutdown.
 The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL

May 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
4/28/2006	14,100	32.1	5/2/2006
5/3/2006	11,060	31.5	5/5/2006
5/5/2006	18,000	31.7	5/9/2006
5/11/2006	13,280	33.0	5/12/2006
5/12/2006	14,920	22.7	5/16/2006
5/17/2006	12,620	20.6	5/19/2006
5/19/2006	15,300	35.6	5/23/2006
5/24/2006	12,320	30.5	5/26/2006
5/26/2006	13,840	31.8	5/30/2006
Total:	125,440		
Average:	13,938	29.9	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
5/2/2006	20,520	41.4	5/4/2006
5/4/2006	20,120	41.4	5/9/2006
5/4/2006	16,900	40.3	5/9/2006
5/11/2006	19,540	61.0	5/17/2006
5/19/2006	19,840	45.9	5/24/2006
5/23/2006	17,620	40.1	5/31/2006
Total:	114,540		
Average:	19,090	45.0	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
4/28/2006	16,220	43.6	5/1/2006
5/2/2006	13,620	24.3	5/4/2006
5/5/2006	20,760	29.9	5/8/2006
5/9/2006	15,100	38.8	5/11/2006
5/13/2006	19,380	25.9	5/15/2006
5/16/2006	14,260	40.0	5/18/2006
5/19/2006	20,560	28.8	5/22/2006
5/24/2006	12,680	36.3	5/25/2006
5/26/2006	16,560	27.4	5/29/2006
Total:	149,140		
Average:	16,571	32.8	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
4/26/2006	13,680	35.1	5/3/2006
5/11/2006	17,600	36.9	5/17/2006
5/24/2006	9,460	34.1	5/31/2006
Total:	40,740		
Average:	13,580	35.4	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
4/28/2006	11,860	21.2	5/3/2006
5/12/2006	11,300	22.3	5/17/2006
5/26/2006	17,560	32.5	5/31/2006
Total:	40,720		
Average:	13,573	25.3	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
5/2/2006	14720	56.8	5/30/2006
5/26/2006	19060	67.2	5/30/2006
Total:	33,780		
Average:	16,890	62.0	

O&M DIVISION TOTALS			
	Screenings Pounds		Grit Tons
	1,185,800		393,020
	592.9		196.51

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 May 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
4/30/2006				23,220	39.5	5/1/2006	8,780	50.7	5/1/2006
5/1/2006	14,760	39.6	5/2/2006	19,060	35.1	5/2/2006	11,020	70.3	5/2/2006
5/2/2006				21,600	34.6	5/3/2006	7,840	67.9	5/3/2006
5/3/2006				19,260	36.6	5/4/2006	7,520	65.5	5/4/2006
5/4/2006	11,060	40.2	5/5/2006	24,440	39.1	5/5/2006	7,160	66.4	5/5/2006
5/5/2006				17,740	37.1	5/6/2006	7,680	61.3	5/6/2006
5/6/2006							6,940	45.4	5/7/2006
5/7/2006				21,200	39.3	5/8/2006	6,400	45.7	5/8/2006
5/7/2006				22,020	56.6	5/8/2006			
5/8/2006	15,820	35.2	5/9/2006	19,320	36.1	5/9/2006	9,520	45.6	5/9/2006
5/9/2006				24,780	36.8	5/10/2006	8,560	66.5	5/10/2006
5/10/2006				20,420	39.3	5/11/2006	7,780	57.5	5/11/2006
5/11/2006	10,640	36.4	5/12/2006	19,020	32.5	5/12/2006	7,120	53.6	5/12/2006
5/12/2006				23,600	37.4	5/13/2006	8,180	53.9	5/13/2006
5/12/2006				20,260	38.9	5/13/2006			
5/13/2006				20,440	38.0	5/14/2006	7,080	44.7	5/14/2006
5/14/2006				21,300	38.3	5/15/2006	7,360	53.0	5/15/2006
5/15/2006				21,000	45.3	5/16/2006	6,100	44.4	5/16/2006
5/16/2006				21,900	38.0	5/17/2006	8,820	56.3	5/17/2006
5/17/2006				21,280	37.0	5/18/2006	7,780	56.1	5/18/2006
5/18/2006	24,140	44.7	5/19/2006	24,400	38.9	5/19/2006	7,580	60.1	5/19/2006
5/19/2006				22,440	38.9	5/20/2006	8,100	52.1	5/20/2006
5/20/2006				19,980	39.8	5/21/2006	7,940	52.8	5/21/2006
5/20/2006				22,520	39.3	5/22/2006			
5/21/2006							7,940	56.0	5/22/2006
5/22/2006	13,040	43.1	5/23/2006	22,420	37.1	5/23/2006	8,600	65.3	5/23/2006
5/23/2006				16,860	37.9	5/24/2006	8,160	56.3	5/24/2006
5/24/2006				18,560	41.2	5/25/2006	8,740	59.0	5/25/2006
5/24/2006				20,740	37.4	5/25/2006			
5/25/2006	12,160	36.7	5/26/2006	21,500	38.8	5/26/2006	10,940	61.4	5/26/2006
5/26/2006				18,300	38.3	5/27/2006	8,520	60.3	5/27/2006
5/27/2006				20,620	42.2	5/28/2006	6,700	65.7	5/28/2006
5/28/2006				23,000	43.7	5/29/2006	6,900	50.7	5/29/2006
5/29/2006	13,420	41.1	5/30/2006	22,960	41.7	5/30/2006	6,620	60.9	5/30/2006
5/29/2006				18,080	42.2	5/30/2006			
5/30/2006				20,480	37.4	5/31/2006	6,320	46.6	5/31/2006
Totals:	115,040			714,720			244,700		
Averages:	14,380	39.6		21,021	39.1		7,894	56.5	

CITY OF SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT OPERATIONS AND MAINTENANCE DIVISION

SCUM DISPOSAL

May 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
5/2/2006	18.39
5/17/2006	16.18
Average:	17.29
Total:	34.57

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	34.57

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 May 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
5/4/2006	5,760								5,200		
5/6/2006									10,780		
5/10/2006	2,680	4,220									
5/15/2006				3,140							
5/16/2006			2,580								9,340
5/17/2006	3,520							5,280			
5/24/2006	2,040										
5/29/2006		3,260									
5/31/2006	3,360										
Totals:	17,360	7,480	2,580	3,140	0	0	0	5,280	15,980	0	9,340
Grand total:				61,160 Pounds							

CLEAN GREEN RECYCLING
 May 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
5/5/2006						4,080				
5/18/2006			5,020							
Totals:	0	0	5,020	0	0	4,080	0	0	0	0
Grand total:				9,100 Pounds						

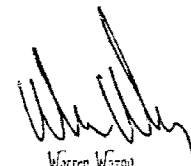
CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use June 2006		Landfilled	Beneficial Use		Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
			ADC	Land Application				
		Otay Landfill	Otay Landfill	Field YM 1-D2				
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona				
Date	Day	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons				
6/1/2006	Thursday		368.40	72.77	441.17	30.50	134.56	
6/2/2006	Friday		293.32	24.28	317.60	30.90	98.14	
6/3/2006	Saturday				0.00	31.50	0.00	
6/4/2006	Sunday				0.00	32.10	0.00	
6/5/2006	Monday		444.81	24.47	469.28	32.80	153.92	
6/6/2006	Tuesday		443.24	24.86	468.10	31.50	147.45	
6/7/2006	Wednesday		344.08	24.68	368.76	31.00	114.32	
6/8/2006	Thursday		269.95	48.02	317.97	29.90	95.07	
6/9/2006	Friday		171.95	24.61	196.56	31.10	61.13	
6/10/2006	Saturday				0.00	30.90	0.00	
6/11/2006	Sunday				0.00	33.20	0.00	
6/12/2006	Monday		422.27	24.58	446.85	31.60	141.20	
6/13/2006	Tuesday		440.80	24.89	465.69	30.40	141.57	
6/14/2006	Wednesday		420.96	24.45	445.41	30.50	135.85	
6/15/2006	Thursday		245.74	49.34	295.08	29.70	87.64	
6/16/2006	Friday				0.00	30.20	0.00	
6/17/2006	Saturday		295.08	49.09	344.17	30.90	106.35	
6/18/2006	Sunday				0.00	28.40	0.00	
6/19/2006	Monday		446.21	48.56	494.77	29.50	145.96	
6/20/2006	Tuesday		443.71	48.63	492.34	29.90	147.21	
6/21/2006	Wednesday		443.95	49.66	493.61	30.70	151.61	
6/22/2006	Thursday		392.16	48.96	441.12	29.10	128.37	
6/23/2006	Friday		293.65	24.70	318.35	30.30	96.46	
6/24/2006	Saturday				0.00	29.50	0.00	
6/25/2006	Sunday				0.00	31.00	0.00	
6/26/2006	Monday		443.82	24.86	468.70	31.90	149.52	
6/27/2006	Tuesday		444.05	24.72	468.77	30.80	144.38	
6/28/2006	Wednesday		394.00	24.50	418.50	29.70	124.29	
6/29/2006	Thursday		346.43	24.74	371.17	29.20	108.38	
6/30/2006	Friday		343.97	49.06	393.03	30.50	119.87	
Totals:		0.00	8,152.55	734.97	8,937.22		2,738.36	
Monthly average % cake solids:						30.64		

Daily average wet tons produced:	297.91
Daily average dry tons produced:	91.28

Total tons, Landfilled:	0.00
Cost per ton:	\$30.96
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	8,152.55
Cost per ton:	\$38.48
Total cost, Beneficial use/ADC:	\$313,710.12
Total tons, Beneficial use/Land App.:	784.67
Cost per ton:	\$38.48
Total cost, Beneficial use/Land App.:	\$30,194.10
Total cost:	\$343,904.23


 Warren Wozny

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL

June 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
5/31/2006	12,760	36.2	6/2/2006
6/2/2006	15,480	32.4	6/6/2006
6/7/2006	8,320	43.4	6/8/2006
6/9/2006	18,960	29.7	6/13/2006
6/14/2006	12,020	39.5	6/16/2006
6/16/2006	12,920	33.4	6/20/2006
6/21/2006	12,060	34.1	6/23/2006
6/23/2006	14,280	31.6	6/27/2006
6/29/2006	12,600	31.4	6/30/2006
Total:	119,400		
Average:	13,267	34.6	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
5/25/2006	15,640	33.9	6/1/2006
Total:	15,640		
Average:	15,640	33.9	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
5/29/2006	25,920	70.2	6/5/2006
6/8/2006	24,060	54.2	6/14/2006
6/16/2006	26,760	47.5	6/21/2006
6/22/2006	15,480	48.6	6/28/2006
Total:	92,220		
Average:	23,055	55.1	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
5/31/2006	14,200	38.0	6/1/2006
6/2/2006	19,860	60.7	6/5/2006
6/6/2006	15,360	42.9	6/8/2006
6/9/2006	19,120	31.2	6/12/2006
6/13/2006	15,580	42.4	6/15/2006
6/16/2006	19,120	31.0	6/19/2006
6/21/2006	16,380	38.4	6/22/2006
6/23/2006	18,640	25.9	6/26/2006
6/27/2006	15,900	32.9	6/29/2006
Total:	154,160		
Average:	17,129	38.2	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
6/7/2006	10,060	31.0	6/14/2006
6/22/2006	10,160	42.5	6/28/2006
Total:	20,220		
Average:	10,110	36.8	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
6/8/2006	18,280	21.9	6/12/2006
6/23/2006	15,440	25.0	6/26/2006
Total:	33,720		
Average:	16,860	23.5	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

O&M DIVISION TOTALS			
	Screenings		Grit
Pounds	1,246,100		406,000
Tons	623.05		203

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 June 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
5/31/2006				23,080	48.7	6/1/2006	6,920	64.7	6/1/2006
6/1/2006	12,680	40.6	6/2/2006	25,420	37.2	6/2/2006	7,440	55.3	6/2/2006
6/2/2006				25,300	37.7	6/3/2006	9,440	62.2	6/3/2006
6/3/2006				25,040	38.9	6/4/2006			
6/3/2006				21,700	37.3	6/5/2006			
6/4/2006				13,580	35.0	6/5/2006	9,700	70.8	6/5/2006
6/5/2006	17,480	35.6	6/6/2006	14,400	38.6	6/6/2006	14,300	64.2	6/6/2006
6/6/2006				15,760	42.9	6/7/2006	9,600	49.7	6/7/2006
6/7/2006				15,760	38.5	6/8/2006	8,040	61.0	6/9/2006
6/7/2006				16,740	37.5	6/8/2006			
6/8/2006	13,520	40.2	6/9/2006	23,000	39.8	6/9/2006			
6/9/2006				29,060	41.6	6/10/2006	7,640	63.1	6/10/2006
6/10/2006				24,720	40.8	6/11/2006	19,340	74.4	6/11/2006
6/11/2006				22,700	38.6	6/12/2006	9,260	58.3	6/12/2006
6/12/2006	17,080	42.5	6/13/2006	23,600	35.9	6/13/2006	9,220	68.9	6/13/2006
6/13/2006				21,460	36.7	6/14/2006	9,720	51.0	6/14/2006
6/14/2006				23,200	38.7	6/15/2006	9,220	49.9	6/15/2006
6/15/2006	16,540	33.5	6/16/2006	23,600	39.4	6/16/2006	8,700	47.1	6/16/2006
6/16/2006				33,760	39.1	6/17/2006	7,560	55.0	6/17/2006
6/17/2006				27,420	41.1	6/18/2006			
6/18/2006				27,600	41.0	6/19/2006	7,360	63.0	6/19/2006
6/19/2006	16,860	40.7	6/20/2006	24,060	40.3	6/20/2006			
6/20/2006				29,500	41.2	6/21/2006	15,720	63.9	6/21/2006
6/21/2006				26,760	39.4	6/22/2006	7,740	58.6	6/22/2006
6/21/2006							21,840	74.9	6/23/2006
6/22/2006	13,880	32.5	6/23/2006	30,340	38.3	6/23/2006	33,840	68.1	6/23/2006
6/22/2006							15,980	60.2	6/24/2006
6/23/2006				26,640	38.2	6/24/2006	16,260	66.3	6/25/2006
6/24/2006				29,980	39.3	6/25/2006			
6/25/2006				26,000	37.2	6/26/2006	22,700	52.6	6/26/2006
6/26/2006	17,460	44.2	6/27/2006	25,780	37.4	6/27/2006	8,320	47.0	6/27/2006
6/27/2006				22,440	34.9	6/28/2006	7,420	49.6	6/28/2006
6/28/2006				21,740	37.5	6/29/2006	4,960	79.7	6/29/2006
6/29/2006	13,280	28.6	6/30/2006	24,040	38.1	6/30/2006	5,540	59.7	6/30/2006
Totals:	138,780			764,180			313,780		
Averages:	15,420	37.6		23,881	39.0		11,621	60.7	

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL
 June 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
6/13/2006	10.73
6/14/2006	10.77
Average:	10.75
Total:	21.50

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	21.50

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 June 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
6/5/2006						5,640					
6/7/2006	3,520										
6/9/2006			4,460								
6/12/2006											3,860
6/13/2006	1,720				3,060						
6/19/2006		2,280	8,040								
6/21/2006	2,200										
6/28/2006		1,860			2,420						
6/29/2006	3,160		4,200								
Totals:	10,600	4,140	16,700	0	5,480	5,640	0	0	0	0	3,860
Grand total: 46,420 Pounds											

CLEAN GREEN RECYCLING
 June 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
6/6/2006						6,580				
6/30/2006										4,220
Totals:	0	0	0	0	0	6,580	0	0	0	4,220
Grand total: 10,800 Pounds										

City of San Diego


BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use July 2006		Beneficial Use			Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
		Landfilled	ADC					Land Application
		Olay Landfill	Olay Landfill	Field YM 1-D3				
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona				
		Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons				
7/1/2006	Saturday				0.00	30.30	0.00	
7/2/2006	Sunday				0.00	30.40	0.00	
7/3/2006	Monday		444.84	49.68	494.52	29.70	146.87	
7/4/2006	Tuesday		342.55	25.18	367.73	29.20	107.38	
7/5/2006	Wednesday		443.00	49.27	492.27	29.60	145.71	
7/6/2006	Thursday		368.36	24.55	392.91	29.00	113.94	
7/7/2006	Friday		343.36	24.71	368.07	32.20	118.52	
7/8/2006	Saturday				0.00	33.10	0.00	
7/9/2006	Sunday				0.00	30.50	0.00	
7/10/2006	Monday		420.38	49.54	469.92	32.10	150.84	
7/11/2006	Tuesday		322.15	24.69	346.84	31.00	107.52	
7/12/2006	Wednesday		193.80		193.80	30.70	59.50	
7/13/2006	Thursday		148.70	49.41	198.11	28.40	55.70	
7/14/2006	Friday		195.83	24.54	220.37	29.10	64.13	
7/15/2006	Saturday				0.00	29.90	0.00	
7/16/2006	Sunday				0.00	31.10	0.00	
7/17/2006	Monday		442.25	72.91	515.16	28.80	148.37	
7/18/2006	Tuesday		444.82	73.22	518.04	29.20	151.27	
7/19/2006	Wednesday		222.44	48.13	270.57	29.89	80.87	
7/20/2006	Thursday		222.37	48.35	270.72	29.90	80.95	
7/21/2006	Friday		297.28	48.38	345.64	29.50	101.96	
7/22/2006	Saturday				0.00	30.90	0.00	
7/23/2006	Sunday				0.00	28.80	0.00	
7/24/2006	Monday		444.66	24.66	469.32	29.50	138.45	
7/25/2006	Tuesday		445.04	24.73	469.77	29.60	139.05	
7/26/2006	Wednesday		447.38	24.61	471.99	27.90	131.69	
7/27/2006	Thursday		396.08	24.59	420.67	28.80	121.15	
7/28/2006	Friday		296.72		296.72	29.60	87.83	
7/29/2006	Saturday				0.00	28.90	0.00	
7/30/2006	Sunday				0.00	29.40	0.00	
7/31/2006	Monday		445.89	24.81	470.70	29.50	138.86	
Totals:		0.00	7,325.88	735.96	8,061.84	29.89	2,409.42	

Monthly average % cake solids: 29.89

Daily average wet tons produced:	260.06
Daily average dry tons produced:	77.72

Total tons, Landfilled:	0.00
Cost per ton:	\$32.47
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	7,325.88
Cost per ton:	\$40.37
Total cost, Beneficial use/ADC:	\$295,745.78
Total tons, Beneficial use/Land App:	735.96
Cost per ton:	\$40.37
Total cost, Beneficial use/Land App:	\$29,710.71
Total cost:	\$325,456.48


 Warren Wazny

%TS result for 7/18/06 is the average for the month. No samples were taken due to plant shutdown.
 The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT OPERATIONS AND MAINTENANCE DIVISION GRIT AND SCREENINGS DISPOSAL

July 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
6/30/2006	12,960	35.6	7/4/2006
7/5/2006	11,520	28.5	7/7/2006
7/7/2006	14,740	27.7	7/11/2006
7/12/2006	18,820	37.7	7/14/2006
7/14/2006	16,400	24.4	7/18/2006
7/19/2006	11,460	24.4	7/21/2006
7/21/2006	12,600	28.5	7/25/2006
7/25/2006	9,260	23.4	7/28/2006
Total:	107,760		
Average:	13,470	28.8	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
7/20/2006	14,960	43.4	7/25/2006
Total:	14,960		
Average:	14,960	43.4	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
6/29/2006	23,520	72.4	7/5/2006
7/6/2006	17,760	76.8	7/12/2006
7/14/2006	18,940	55.7	7/19/2006
7/20/2006	13,380	48.0	7/26/2006
Total:	73,600		
Average:	18,400	63.2	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
6/30/2006	19,640	23.9	7/3/2006
7/5/2006	15,960	33.0	7/6/2006
7/7/2006	19,480	38.2	7/10/2006
7/11/2006	15,840	38.0	7/13/2006
7/14/2006	22,160	31.2	7/17/2006
7/18/2006	15,160	33.7	7/20/2006
7/21/2006	14,920	28.3	7/24/2006
7/25/2006	7,880	29.9	7/27/2006
7/28/2006	16,580	26.3	7/31/2006
Total:	147,620		
Average:	16,402	31.4	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
7/5/2006	9,640	29.6	7/12/2006
7/19/2006	11,060	34.3	7/26/2006
Total:	20,700		
Average:	10,350	32.0	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
7/7/2006	14,440	38.0	7/12/2006
7/21/2006	9,980	23.0	7/26/2006
Total:	24,420		
Average:	12,210	30.5	

South Bay Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
6/30/2006	7,100	92.3	7/3/2006
Total:	7,100		
Average:	7,100	92.3	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
6/30/2006	7,500	56.0	7/3/2006
Total:	7,500		
Average:	7,500	56.0	

O&M DIVISION TOTALS			
	Screenings Pounds		Grit Tons
	1,235,580		374,640
	617.79		187.32

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 July 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
6/30/2006				19,120	59.5	7/1/2006	5,460	59.5	7/1/2006
7/1/2006				27,420	36.7	7/2/2006			
7/2/2006	12,960	44.1	7/3/2006	26,460	37.9	7/3/2006	5,060	64.6	7/3/2006
7/3/2006				18,220	34.6	7/4/2006	12,080	56.3	7/4/2006
7/3/2006							19,380	96.6	7/4/2006
7/3/2006							30,380	98.0	7/5/2006
7/4/2006				25,160	37.5	7/5/2006	8,260	88.3	7/5/2006
7/5/2006	13,920	34.1	7/6/2006	16,380	38.0	7/6/2006	6,840	57.3	7/6/2006
7/6/2006				24,460	41.0	7/7/2006	7,780	56.1	7/7/2006
7/7/2006				24,840	38.4	7/8/2006	6,260	76.3	7/8/2006
7/8/2006				31,660	38.5	7/9/2006			
7/9/2006				20,820	42.3	7/10/2006	4,960	59.8	7/10/2006
7/10/2006	26,360	38.7	7/11/2006	27,880	43.0	7/11/2006	13,160	45.0	7/11/2006
7/10/2006							24,840	94.8	7/11/2006
7/10/2006							13,040	83.4	7/11/2006
7/11/2006				26,940	35.8	7/12/2006	4,420	48.8	7/12/2006
7/12/2006				26,140	37.7	7/13/2006	4,140	49.4	7/13/2006
7/13/2006	11,940	45.8	7/14/2006	20,620	40.4	7/14/2006	5,160	50.0	7/14/2006
7/14/2006				30,500	40.1	7/15/2006	8,780	53.5	7/15/2006
7/15/2006				26,200	37.4	7/16/2006			
7/15/2006				24,900	42.2	7/17/2006			
7/16/2006							13,500	63.8	7/17/2006
7/17/2006	19,100	45.2	7/19/2006	27,560	44.0	7/18/2006	6,900	53.8	7/18/2006
7/18/2006				23,300	40.9	7/19/2006	5,220	51.9	7/19/2006
7/19/2006				32,220	37.8	7/20/2006	9,200	69.9	7/20/2006
7/20/2006	7,340	55.6	7/21/2006	25,720	40.1	7/21/2006	5,560	49.4	7/21/2006
7/21/2006				28,120	40.0	7/22/2006	8,320	54.2	7/22/2006
7/22/2006				27,480	64.5	7/23/2006			
7/23/2006				27,380	46.7	7/24/2006	7,760	60.9	7/24/2006
7/24/2006	14,660	64.9	7/25/2006	21,020	36.2	7/25/2006	7,760	57.3	7/25/2006
7/25/2006				23,500	39.9	7/26/2006	13,500	59.1	7/26/2006
7/25/2006							9,780	56.9	7/27/2006
7/26/2006				33,680	37.7	7/27/2006			
7/27/2006	14,300	40.2	7/28/2006	23,380	36.7	7/28/2006	5,340	67.0	7/28/2006
7/28/2006				25,620	36.4	7/29/2006	7,700	71.3	7/29/2006
7/28/2006				31,580	36.3	7/30/2006			
7/29/2006							7,060	75.4	7/30/2006
7/30/2006				23,760	42.3	7/31/2006	6,340	63.8	7/31/2006
Totals:	120,580			792,040			293,940		
Averages:	15,073	46.1		25,550	40.7		9,482	64.3	

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
SCUM DISPOSAL

July 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
7/6/2006	16.35
7/21/2006	17.17
Average:	16.76
Total:	33.52

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	33.52

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 July 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
7/5/2006	720										
7/6/2006			3,580								2,020
7/7/2006				1,080							
7/12/2006	2,620										
7/13/2006			80								
7/17/2006			200							3,760	
7/20/2006		2,720				5,820					
7/23/2006	3,040										
7/27/2006									7,320		
Totals:	6,380	2,720	3,860	1,080	0	5,820	0	0	7,320	3,760	2,020
Grand total: 32,960 Pounds											

CLEAN GREEN RECYCLING
 July 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
7/5/2006			260							
7/7/2006		3,600								
7/10/2006			2,520							
7/11/2006						3,560				
7/25/2006										2,120
Totals:	0	3,600	2,780	0	0	3,560	0	0	0	2,120
Grand total: 12,060 Pounds										

CITY OF SAN DIEGO
BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use August 2006		Landfilled	Beneficial Use			Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
			ADC	Land Application	Land Application				
		Olay Landfill	Olay Landfill	Field YM 1-D3	Field YM 1-18				
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona				
		Biosolids	Biosolids	Biosolids	Biosolids				
Date	Day	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons				
8/1/2006	Tuesday		445.04	72.90		517.94	29.00	150.20	
8/2/2006	Wednesday		394.75	24.65		419.40	28.60	119.95	
8/3/2006	Thursday		395.48	48.49		443.97	28.90	128.31	
8/4/2006	Friday		320.80	24.83		345.63	28.60	98.85	
8/5/2006	Saturday					0.00	28.80	0.00	
8/6/2006	Sunday					0.00	30.60	0.00	
8/7/2006	Monday		370.23	72.85		443.08	29.50	130.71	
8/8/2006	Tuesday		396.82	49.54		446.36	28.20	125.87	
8/9/2006	Wednesday		421.81	49.17		470.98	29.80	140.35	
8/10/2006	Thursday		370.14		24.61	394.75	28.60	112.90	
8/11/2006	Friday		295.07		24.45	319.52	28.20	90.10	
8/12/2006	Saturday					0.00	28.50	0.00	
8/13/2006	Sunday					0.00	32.00	0.00	
8/14/2006	Monday		446.58		24.93	471.51	29.20	137.68	
8/15/2006	Tuesday		393.52		49.63	443.15	28.20	124.97	
8/16/2006	Wednesday		393.01		49.75	442.76	28.30	125.30	
8/17/2006	Thursday		447.45		49.53	496.98	28.40	141.14	
8/18/2006	Friday		318.30		48.97	367.27	28.40	104.30	
8/19/2006	Saturday		247.83			247.83	28.50	70.63	
8/20/2006	Sunday					0.00	29.90	0.00	
8/21/2006	Monday		494.72			494.72	29.20	144.46	
8/22/2006	Tuesday		447.66		24.62	472.28	28.50	134.60	
8/23/2006	Wednesday		364.55		24.52	389.07	28.70	111.66	
8/24/2006	Thursday		397.11		48.12	445.23	27.70	123.33	
8/25/2006	Friday		318.85			318.85	27.50	87.68	
8/26/2006	Saturday					0.00	28.00	0.00	
8/27/2006	Sunday					0.00	32.40	0.00	
8/28/2006	Monday		445.76		73.22	518.98	28.10	145.83	
8/29/2006	Tuesday		496.27		24.74	521.01	28.60	149.01	
8/30/2006	Wednesday		443.23		25.36	468.59	30.30	141.98	
8/31/2006	Thursday		392.83			392.83	29.20	114.65	
Totals:		0.00	9,457.61	342.43	492.45	10,292.49	28.98	2,982.83	
Monthly average % cake solids:							28.98		

Daily average wet tons produced:	332.02
Daily average dry tons produced:	95.31

Total tons, Landfilled:	0.00
Cost per ton:	\$32.47
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	9,457.61
Cost per ton:	\$40.37
Total cost, Beneficial use/ADC:	\$381,603.72
Total tons, Beneficial use/Land App.:	834.88
Cost per ton:	\$40.37
Total cost, Beneficial use/Land App.:	\$33,704.11
Total cost:	\$415,507.82

Warren Wazup
Warren Wazup

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
The average monthly %TS is used to calculate the total monthly dry tons produced.
ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 August 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
7/28/2006	17,160	32.6	8/1/2006
8/11/2006	21,780	30.7	8/15/2006
8/16/2006	12,180	56.3	8/18/2006
8/18/2006	17,860	37.2	8/22/2006
8/22/2006	12,260	31.6	8/25/2006
8/25/2006	16,540	30.4	8/29/2006
Total:	97,780		
Average:	16,297	36.5	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
7/28/2006	16,380	54.5	8/2/2006
8/3/2006	12,360	50.1	8/9/2006
8/11/2006	12,440	48.2	8/16/2006
8/21/2006	9,780	56.4	8/23/2006
8/28/2006	7,020	74.4	8/30/2006
Total:	57,980		
Average:	11,596	56.7	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/1/2006	17,820	26.4	8/3/2006
8/4/2006	24,780	24.1	8/7/2006
8/9/2006	18,340	59.8	8/10/2006
8/11/2006	16,940	24.6	8/14/2006
8/15/2006	16,200	37.8	8/17/2006
8/18/2006	18,920	33.2	8/21/2006
Unknown	16,240	N/A	8/24/2006
8/25/2006	18,620	34.9	8/28/2006
8/29/2006	14,400	27.0	8/31/2006
Total:	162,260		
Average:	18,029	33.5	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/2/2006	10,160	44.1	8/9/2006
8/16/2006	7,320	26.8	8/23/2006
Total:	17,480		
Average:	8,740	35.5	

No solids results for the 8/24/06 load.

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/4/2006	10,380	33.5	8/9/2006
8/18/2006	10,060	23.9	8/23/2006
Total:	20,440		
Average:	10,220	28.7	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
8/21/2006	13,400	82.6	8/24/2006
Total:	13,400		
Average:	13,400	82.6	

Penasquitos Pump Station			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/15/2006	8,800	67.3	8/18/2006
Total:	8,800		
Average:	8,800	67.3	

O&M DIVISION TOTALS			
	Screenings Pounds		Grit Tons
	1,348,800		270,280
	674.4		135.14

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 August 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
7/31/2006	22,840	61.6	8/1/2006	22,780	36.1	8/1/2006	6,840	54.9	8/1/2006
8/1/2006				26,260	40.4	8/2/2006	5,720	76.4	8/2/2006
8/1/2006				23,380	40.2	8/2/2006			
8/2/2006				24,920	35.4	8/3/2006	3,880	54.2	8/3/2006
8/3/2006				25,180	41.0	8/4/2006	6,520	51.9	8/4/2006
8/4/2006	29,600	21.0	8/7/2006	25,440	42.7	8/5/2006	4,220	50.8	8/5/2006
8/5/2006				26,600	44.2	8/6/2006	4,680	44.6	8/6/2006
8/6/2006				21,420	37.1	8/7/2006	5,260	47.8	8/7/2006
8/7/2006				17,720	41.0	8/8/2006	5,120	63.5	8/8/2006
8/8/2006	9,540	40.2	8/9/2006	19,080	43.1	8/9/2006	6,140	52.1	8/9/2006
8/9/2006				19,780	42.1	8/10/2006			
8/9/2006				25,380	42.0	8/10/2006			
8/10/2006	19,740	25.7	8/11/2006	22,560	38.6	8/11/2006	5,400	55.3	8/11/2006
8/11/2006				24,280	40.8	8/12/2006	12,020	49.8	8/12/2006
8/11/2006				14,280	47.8	8/12/2006			
8/12/2006				19,820	39.5	8/13/2006	7,420	66.1	8/13/2006
8/12/2006				18,220	37.7	8/13/2006			
8/13/2006	18,140	26.0	8/14/2006	20,860	40.2	8/14/2006	6,800	62.5	8/14/2006
8/14/2006				20,320	40.0	8/15/2006	10,160	50.9	8/15/2006
8/15/2006	13,080	35.7	8/16/2006	21,000	38.4	8/16/2006	6,000	48.5	8/16/2006
8/16/2006	12,360	21.7	8/17/2006	19,540	39.3	8/17/2006	6,980	46.8	8/17/2006
8/17/2006	12,400	22.0	8/18/2006	18,020	43.7	8/18/2006	4,820	71.0	8/18/2006
8/18/2006				27,900	38.3	8/19/2006	6,640	49.5	8/19/2006
8/19/2006				20,440	40.8	8/20/2006	4,040	54.4	8/20/2006
8/19/2006				23,280	40.3	8/20/2006			
8/20/2006				16,780	42.6	8/21/2006	7,160	60.8	8/21/2006
8/21/2006	17,040	21.1	8/22/2006	24,360	38.8	8/22/2006	3,640	58.0	8/22/2006
8/21/2006				14,460	39.1	8/22/2006			
8/22/2006				24,520	43.1	8/23/2006	7,920	73.8	8/23/2006
8/23/2006	14,120	21.8	8/24/2006	27,140	45.0	8/24/2006	8,260	74.6	8/24/2006
8/24/2006	16,860	22.3	8/25/2006	26,120	39.4	8/25/2006	6,460	54.1	8/25/2006
8/25/2006				23,420	38.5	8/26/2006	6,720	64.6	8/26/2006
8/26/2006				19,460	39.1	8/27/2006	6,600	70.3	8/27/2006
8/27/2006				24,480	49.7	8/28/2006	6,440	71.2	8/28/2006
8/27/2006				21,820	44.7	8/28/2006			
8/28/2006	11,600	24.4	8/29/2006	21,040	40.8	8/29/2006	7,640	64.0	8/29/2006
8/29/2006	12,960	34.3	8/31/2006	18,180	36.8	8/30/2006	11,740	64.5	8/30/2006
8/30/2006				21,520	41.3	8/31/2006	7,860	49.1	8/31/2006
Totals:	210,280			831,760			198,900		
Averages:	16,175	29.1		21,888	40.8		6,630	58.5	

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL

August 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
8/4/2006	13.13
8/23/2006	10.57
Average:	11.85
Total:	23.70

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	23.70

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 August 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
8/3/2006					3,120						
8/4/2006					2,780						
8/8/2006											2,760
8/9/2006	1,020										
8/16/2006	2,240				28,360						3,620
8/17/2006		2,760									
8/21/2006			4,340					2,840			
8/23/2006	3,480				1,700						
8/24/2006	1,720				2,300						
8/25/2006						3,380					
8/30/2006	2,380			2,300							
Totals:	10,840	2,760	4,340	2,300	38,260	3,380	0	2,840	0	0	6,380
Grand total: 71,100 Pounds											

CLEAN GREEN RECYCLING
 August 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
8/8/2006						4,880				
8/15/2006						2,400				
8/21/2006			4,900							
Totals:	0	0	4,900	0	0	7,280	0	0	0	0
Grand total: 12,180 Pounds										

CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use September 2006		Landfilled	Beneficial Use			Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
			ADC	Land Application	Land Application				
		Olay Landfill	Olay Landfill	Field YM 1-16	Field YM 1-20				
		San Diego Cnty. California Biosolids	San Diego Cnty. California Biosolids	Yuma County Arizona Biosolids	Yuma County Arizona Biosolids				
		Date	Day	Delivered, tons	Delivered, tons				Delivered, tons
9/1/2006	Friday		344.10	24.76		368.86	28.60	105.49	
9/2/2006	Saturday					0.00	27.90	0.00	
9/3/2006	Sunday					0.00	34.40	0.00	
9/4/2006	Monday		439.85			439.85	27.60	121.40	
9/5/2006	Tuesday		466.21	24.64		490.85	29.30	143.82	
9/6/2006	Wednesday		99.35	24.53		123.88	28.70	35.55	
9/7/2006	Thursday		439.09			439.09	28.40	124.70	
9/8/2006	Friday		418.40			418.40	27.00	112.97	
9/9/2006	Saturday					0.00	28.10	0.00	
9/10/2006	Sunday					0.00	28.70	0.00	
9/11/2006	Monday		517.16			517.16	33.70	174.28	
9/12/2006	Tuesday		490.04	25.11		515.15	29.80	153.51	
9/13/2006	Wednesday		437.79	24.59		462.38	27.90	129.00	
9/14/2006	Thursday		465.72			465.72	27.40	127.61	
9/15/2006	Friday		438.74			438.74	29.00	127.23	
9/16/2006	Saturday					0.00	28.50	0.00	
9/17/2006	Sunday					0.00	32.50	0.00	
9/18/2006	Monday		524.27	25.17		549.44	27.90	153.29	
9/19/2006	Tuesday		496.85	24.86		521.71	27.50	143.47	
9/20/2006	Wednesday		419.89	24.61		444.50	28.30	125.79	
9/21/2006	Thursday		398.20	24.62		422.82	27.00	114.16	
9/22/2006	Friday		246.64		48.44	295.08	28.50	84.10	
9/23/2006	Saturday					0.00	26.10	0.00	
9/24/2006	Sunday					0.00	28.30	0.00	
9/25/2006	Monday		522.25		24.73	546.98	28.40	155.34	
9/26/2006	Tuesday		475.86		72.65	548.51	28.50	156.33	
9/27/2006	Wednesday		495.38		48.85	544.23	28.60	155.65	
9/28/2006	Thursday		447.27		49.34	496.61	29.10	144.51	
9/29/2006	Friday		365.08		73.03	438.11	28.80	126.18	
9/30/2006	Saturday		298.58			298.58	29.40	87.78	
Totals:		0.00	9,246.72	222.89	317.04	9,786.65		2,824.75	
							Monthly average % cake solids:	28.86	

Daily average wet tons produced:	326.22
Daily average dry tons produced:	93.41

Total tons, Landfilled:	0.00
Cost per ton:	\$32.47
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	9,246.72
Cost per ton:	\$40.37
Total cost, Beneficial use/ADC:	\$373,290.09
Total tons, Beneficial use/Land App.:	539.93
Cost per ton:	\$40.37
Total cost, Beneficial use/Land App.:	\$21,798.97
Total cost:	\$395,087.06


 Warren Wainz

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL
 September 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/30/2006	11,960	29.9	9/1/2006
9/1/2006	13,640	28.4	9/5/2006
9/6/2006	15,780	32.7	9/8/2006
9/8/2006	15,160	35.2	9/12/2006
9/12/2006	12,340	21.1	9/15/2006
9/15/2006	14,200	27.7	9/19/2006
9/20/2006	3,800	30.5	9/22/2006
9/22/2006	13,400	37.8	9/26/2006
Total:	100,280		
Average:	12,535	30.4	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/18/2006	15,500	33.5	9/21/2006
Total:	15,500		
Average:	15,500	33.5	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
8/31/2006	11,340	51.3	9/6/2006
9/8/2006	8,540	60.6	9/13/2006
9/14/2006	25,180	45.0	9/20/2006
9/22/2006	19,940	52.4	9/27/2006
Total:	65,000		
Average:	16,250	52.3	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/1/2006	20,680	27.3	9/4/2006
9/5/2006	17,160	25.9	9/7/2006
9/8/2006	6,480	27.0	9/11/2006
9/12/2006	6,940	37.5	9/14/2006
9/15/2006	18,000	56.6	9/18/2006
9/19/2006	16,040	33.9	9/21/2006
9/22/2006	21,120	45.6	9/25/2006
9/27/2006	16,660	29.9	9/28/2006
Total:	123,080		
Average:	15,385	35.5	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/30/2006	8,100	35.0	9/6/2006
9/13/2006	10,680	35.5	9/20/2006
Total:	18,780		
Average:	9,390	35.3	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/1/2006	10,980	20.9	9/6/2006
9/15/2006	12,260	24.4	9/20/2006
Total:	23,240		
Average:	11,620	22.7	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
8/30/2006	7,760	92.1	9/1/2006
Total:	7,760		
Average:	7,760	92.1	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
9/5/2006	13,500	57.2	9/11/2006
9/26/2006	14,860	69.2	9/29/2006
Total:	28,360		
Average:	14,180	69.2	

O&M DIVISION TOTALS			
	Screenings Pounds	Total Solids, %	Grit Tons
	1,135,320		309,200
	567.66		154.6

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 September 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
8/31/2006				22,520	41.4	9/1/2006	6,580	63.2	9/1/2006
9/1/2006				23,320	45.8	9/2/2006	7,300	59.8	9/2/2006
9/2/2006	18,240	20.9	9/3/2006	20,680	37.4	9/3/2006			
9/2/2006				26,760	42.1	9/3/2006			
9/3/2006	16,060	32.7	9/4/2006	21,600	44.9	9/4/2006	9,300	63.0	9/4/2006
9/4/2006	22,680	28.0	9/5/2006	19,620	40.6	9/5/2006	5,200	63.0	9/5/2006
9/5/2006				22,860	38.7	9/6/2006	11,340	70.6	9/6/2006
9/6/2006				25,240	36.9	9/7/2006	7,520	73.4	9/7/2006
9/7/2006	13,400	21.8	9/8/2006	26,320	38.7	9/8/2006	7,400	73.6	9/8/2006
9/8/2006				21,940	41.4	9/9/2006	7,900	63.7	9/9/2006
9/9/2006	21,000	29.0	9/10/2006	23,260	40.9	9/10/2006			
9/10/2006	12,800	36.1	9/19/2006	18,240	40.3	9/11/2006	7,100	68.3	9/11/2006
9/11/2006	12,820	56.8	9/12/2006	19,380	34.0	9/12/2006	16,520	69.5	9/12/2006
9/12/2006	15,040	42.0	9/15/2006	20,960	38.8	9/13/2006	6,880	71.3	9/13/2006
9/12/2006				23,580	38.2	9/14/2006	5,480	71.2	9/14/2006
9/13/2006									
9/14/2006				26,820	37.3	9/15/2006	8,060	62.6	9/15/2006
9/15/2006				21,000	40.9	9/16/2006	9,580	70.3	9/16/2006
9/16/2006				20,920	40.4	9/17/2006			
9/17/2006				24,600	41.8	9/18/2006	6,720	67.2	9/18/2006
9/18/2006				21,700	41.1	9/19/2006	15,760	70.0	9/19/2006
9/19/2006				20,940	39.0	9/20/2006	8,220	74.5	9/20/2006
9/20/2006				19,400	40.2	9/21/2006	7,220	71.1	9/21/2006
9/21/2006	11,420	51.3	9/22/2006	22,660	44.2	9/22/2006	8,380	72.5	9/22/2006
9/22/2006				25,440	44.3	9/23/2006	6,400	71.8	9/23/2006
9/23/2006				20,280	39.0	9/24/2006	5,540	47.8	9/24/2006
9/24/2006				17,000	42.3	9/25/2006	7,700	53.3	9/25/2006
9/25/2006	13,960	48.2	9/26/2006	16,160	34.1	9/26/2006	7,840	77.9	9/26/2006
9/26/2006				15,440	39.5	9/27/2006	7,440	67.5	9/27/2006
9/27/2006				25,620	33.4	9/28/2006	8,120	71.0	9/28/2006
9/28/2006	11,280	42.8	9/29/2006	22,840	38.4	9/29/2006	5,740	68.0	9/29/2006
9/29/2006				20,880	40.1	9/30/2006	4,600	63.6	9/30/2006
Totals:	168,700			677,980			215,840		
Averages:	15,336	37.2		21,870	39.9		7,994	67.4	

CITY OF SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT OPERATIONS AND MAINTENANCE DIVISION

SCUM DISPOSAL
September 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
9/9/2006	9.75
9/29/2006	15.06
Average:	12.41
Total:	24.81

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
9/21/2006	6.07
Average:	6.07
Total:	6.07

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	30.88

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 September 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
9/1/2006			2,360								
9/6/2006	1,440										
9/8/2006		2,460									
9/13/2006	1,740					5,640					
9/14/2006	3,960										
9/18/2006	1,400				2,660						
9/21/2006	4,820										
9/22/2006											2,520
9/26/2006		3,360									
9/27/2006	780								3,200		
9/29/2006			2,580								1,840
Totals:	14,140	5,820	4,940	0	2,660	5,640	0	0	3,200	0	4,360
Grand total: 40,760 Pounds											

CLEAN GREEN RECYCLING
 September 2006


Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
9/6/2006			2,760							
9/7/2006										3,380
9/8/2006										4,060
9/11/2006		2,640								
9/13/2006						4,620				
9/15/2006	3,380									
9/25/2006			2,980							
9/28/2006						2,880				
Totals:	3,380	2,640	5,740	0	0	7,500	0	0	0	7,440
Grand total: 26,700 Pounds										

City of San Diego
BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use October 2006		Landfilled	Beneficial Use				Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons	
			ADC	Land Application	Land Application	Land Application				
		Otay Landfill	Otay Landfill	Field YM 1-20	Field YM 1-5	Field YM 1-6				
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona	Yuma County Arizona				
Date	Day	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons	Biosolids Delivered, tons				
10/1/2006	Sunday						0.00	30.30	0.00	
10/2/2006	Monday		545.22	50.68			595.90	28.60	170.43	
10/3/2006	Tuesday		485.55	49.19			544.74	28.90	157.43	
10/4/2006	Wednesday		487.33	48.94			516.27	29.90	154.36	
10/5/2006	Thursday		446.42		24.28		470.70	29.20	137.44	
10/6/2006	Friday		296.91		73.79		370.70	28.40	105.28	
10/7/2006	Saturday						0.00	28.10	0.00	
10/8/2006	Sunday						0.00	28.30	0.00	
10/9/2006	Monday		444.95		50.52		495.47	30.20	149.63	
10/10/2006	Tuesday		491.93		49.57		541.50	28.90	156.48	
10/11/2006	Wednesday		443.65		24.66		468.31	27.60	129.25	
10/12/2006	Thursday		468.18		49.55		517.73	28.90	149.62	
10/13/2006	Friday		323.62		49.10		372.72	31.20	116.29	
10/14/2006	Saturday						0.00	30.30	0.00	
10/15/2006	Sunday						0.00	30.30	0.00	
10/16/2006	Monday		496.23		24.68		520.91	30.60	160.44	
10/17/2006	Tuesday		497.06		50.31		547.37	28.50	156.00	
10/18/2006	Wednesday						0.00	29.20	0.00	
10/19/2006	Thursday		371.48		24.93		396.41	29.10	115.36	
10/20/2006	Friday		419.24		49.24		468.48	27.90	130.71	
10/21/2006	Saturday		297.11		24.82		321.93	28.80	95.94	
10/22/2006	Sunday						0.00	28.30	0.00	
10/23/2006	Monday		446.29		50.17		496.46	29.70	147.45	
10/24/2006	Tuesday		473.75				473.75	29.60	140.23	
10/25/2006	Wednesday		196.59				196.59	29.70	68.39	
10/26/2006	Thursday		422.48		49.33		471.81	28.40	133.99	
10/27/2006	Friday		469.01		49.30		518.31	30.60	158.08	
10/28/2006	Saturday		298.84				298.84	30.30	90.55	
10/29/2006	Sunday						0.00	30.50	0.00	
10/30/2006	Monday		494.65			49.60	544.25	30.90	168.17	
10/31/2006	Tuesday		495.12			49.24	544.36	28.60	155.14	
Totals:		0.00	9,801.61	148.81	644.25	96.84	10,693.51		3,141.82	
							Monthly average % cake solids:	29.38		

Daily average wet tons produced:	344.95
Daily average dry tons produced:	101.18

Total tons, Landfilled:	0.00
Cost per ton:	\$32.47
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	9,801.61
Cost per ton:	\$40.37
Total cost, Beneficial use/ADC:	\$396,691.00
Total tons, Beneficial use/Land App.:	891.90
Cost per ton:	\$40.37
Total cost, Beneficial use/Land App.:	\$36,006.00
Total cost:	\$431,697.00


Warren Wazny

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
The average monthly %TS is used to calculate the total monthly dry tons produced.
ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL
 October 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/29/2006	12,300	32.0	10/6/2006
10/6/2006	15,560	25.5	10/10/2006
10/11/2006	5,940	31.5	10/13/2006
10/16/2006	14,720	33.0	10/17/2006
10/18/2006	11,800	26.8	10/20/2006
10/20/2006	14,740	34.7	10/24/2006
10/25/2006	8,840	35.7	10/27/2006
10/27/2006	14,340	27.9	10/31/2006
Total:	98,240		
Average:	12,280	30.9	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	N/A	N/A	N/A
Total:	0		
Average:	N/A	N/A	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
9/28/2006	21,000	57.8	10/4/2006
10/6/2006	21,800	58.5	10/10/2006
10/19/2006	24,660	67.4	10/23/2006
10/20/2006	18,040	75.9	10/25/2006
Total:	85,500		
Average:	21,375	64.9	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/29/2006	24,360	30.2	10/2/2006
10/4/2006	15,580	33.6	10/5/2006
10/6/2006	18,820	33.3	10/9/2006
10/10/2006	15,780	40.4	10/12/2006
10/16/2006	21,060	34.4	10/17/2006
10/18/2006	16,640	58.3	10/19/2006
10/20/2006	19,540	26.0	10/23/2006
10/25/2006	16,840	30.0	10/26/2006
10/27/2006	20,700	29.5	10/30/2006
Total:	169,320		
Average:	18,813	35.1	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/27/2006	12,100	31.8	10/4/2006
10/11/2006	8,740	35.4	10/18/2006
Total:	20,840		
Average:	10,420	33.6	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
9/29/2006	14,340	30.4	10/3/2006
10/13/2006	21,080	34.5	10/16/2006
10/27/2006	17,360	32.5	10/28/2006
Total:	52,780		
Average:	17,593	32.5	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
10/16/2006	3,840	91.9	10/18/2006
Total:	3,840		
Average:	3,840	91.9	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
10/13/2006	15,460	65.9	10/18/2006
Total:	15,460		
Average:	15,460	65.9	

O&M DIVISION TOTALS			
	Screenings		Grit
Pounds	1,037,620		340,100
Tons	518.81		170.05

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 October 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
9/30/2006				17,480	41.0	10/1/2006	5,300	48.2	10/1/2006
10/1/2006				18,840	40.4	10/2/2006	5,620	71.2	10/2/2006
10/2/2006	14,440	55.9	10/3/2006	18,620	38.2	10/3/2006	8,000	71.0	10/3/2006
10/3/2006				19,240	36.3	10/4/2006	6,420	65.5	10/4/2006
10/4/2006				17,980	39.9	10/5/2006	5,340	56.5	10/5/2006
10/5/2006	12,700	50.7	10/6/2006	20,240	37.8	10/6/2006	7,320	65.2	10/6/2006
10/6/2006				6,000	39.1	10/7/2006	23,120	46.3	10/7/2006
10/7/2006				24,400	38.1	10/8/2006			
10/8/2006	17,480	48.2	10/10/2006	19,660	39.6	10/9/2006	4,780	54.9	10/9/2006
10/9/2006				20,340	43.0	10/10/2006	15,480	75.1	10/10/2006
10/10/2006				19,080	39.7	10/11/2006	7,600	68.4	10/11/2006
10/11/2006	14,620	43.6	10/13/2006	22,700	40.9	10/12/2006	9,040	59.8	10/12/2006
10/12/2006				21,280	41.0	10/13/2006	6,220	57.6	10/13/2006
10/13/2006				21,060	42.0	10/14/2006	4,920	63.9	10/14/2006
10/14/2006				26,200	37.6	10/15/2006	5,960	51.0	10/15/2006
10/14/2006				20,720	38.0	10/16/2006			
10/15/2006							9,780	58.5	10/16/2006
10/16/2006	13,520	43.1	10/17/2006	18,680	36.0	10/17/2006	7,320	70.5	10/17/2006
10/17/2006				23,520	38.5	10/18/2006	8,240	71.6	10/18/2006
10/18/2006				18,600	38.3	10/19/2006	9,780	78.9	10/19/2006
10/19/2006	10,320	39.4	10/20/2006	21,420	37.3	10/20/2006	6,440	74.3	10/20/2006
10/20/2006				19,120	36.7	10/21/2006	6,520	70.5	10/21/2006
10/21/2006				22,120	38.3	10/22/2006	6,520	44.2	10/22/2006
10/22/2006				19,940	38.9	10/23/2006	6,300	50.9	10/23/2006
10/23/2006	15,000	41.9	10/24/2006	19,140	39.4	10/24/2006	5,340	55.8	10/24/2006
10/24/2006				18,880	44.0	10/25/2006	6,140	64.2	10/25/2006
10/25/2006				15,360	41.1	10/26/2006	5,900	46.4	10/26/2006
10/26/2006	11,980	34.9	10/27/2006	17,920	37.7	10/27/2006	6,060	49.2	10/27/2006
10/27/2006				12,720	43.2	10/28/2006	10,420	57.7	10/28/2006
10/28/2006				11,240	36.7	10/29/2006	6,100	65.5	10/29/2006
10/29/2006				19,720	37.2	10/31/2006	8,060	64.2	10/30/2006
10/30/2006	10,320	57.5	10/31/2006				15,100	74.0	10/31/2006
Totals:	120,380			572,220			239,140		
Averages:	13,376	46.1		19,074	39.2		7,971	61.7	

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
SCUM DISPOSAL

October 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
10/20/2006	13.14
Average:	13.14
Total:	13.14

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	13.14

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 October 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
10/4/2006		2,900									
10/5/2006				3,660							
10/10/2006			3,440								
10/12/2006		440									
10/13/2006	3,520										
10/18/2006											1,980
10/21/2006					4,160						
10/22/2006				2,620						3,580	
10/23/2006	1,700										
10/25/2006						4,640					
10/31/2006	3,220		4,140								
Totals:	8,440	3,340	7,580	6,280	4,160	4,640	0	0	0	3,580	1,980
Grand total: 40,000 Pounds											

CLEAN GREEN RECYCLING
 October 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
10/19/2006										2,320
10/25/2006		3,120								
Totals:	0	3,120	0	0	0	0	0	0	0	2,320
Grand total: 5,440 Pounds										

CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use November 2006		Beneficial Use				Daily Totals hauling wet tons	Daily total cake solids %	Daily Totals hauling dry tons
		Landfilled	Beneficial Use					
		ADC	Land Application	Land Application				
		Otay Landfill	Otay Landfill	Field YM 1-6	Field YM 1-5			
		San Diego Cnty. California	San Diego Cnty. California	Yuma County Arizona	Yuma County Arizona			
Biosolids	Biosolids	Biosolids	Biosolids					
Date	Day	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons			
11/1/2006	Wednesday		445.06	49.96		495.02	27.90	138.11
11/2/2006	Thursday		495.59	49.47		545.06	27.20	148.26
11/3/2006	Friday		469.26			469.26	27.60	129.52
11/4/2006	Saturday					0.00	28.40	0.00
11/5/2006	Sunday					0.00	28.20	0.00
11/6/2006	Monday		498.45	25.05		523.50	28.60	149.72
11/7/2006	Tuesday		469.99	49.72		519.71	29.10	151.24
11/8/2006	Wednesday		493.62	24.35		517.97	28.90	149.89
11/9/2006	Thursday		294.20	49.51		343.71	30.20	103.80
11/10/2006	Friday		319.76	48.58		368.34	29.90	110.13
11/11/2006	Saturday		292.87			292.87	30.50	89.62
11/12/2006	Sunday					0.00	29.90	0.00
11/13/2006	Monday		415.84	24.24		440.08	29.60	130.26
11/14/2006	Tuesday		465.99	49.60		515.59	28.80	148.49
11/15/2006	Wednesday		392.54	24.31		416.85	29.10	121.30
11/16/2006	Thursday		443.25	49.84		493.09	28.80	132.15
11/17/2006	Friday		415.20		49.08	464.28	27.00	125.36
11/18/2006	Saturday		295.78			295.78	28.40	84.00
11/19/2006	Sunday					0.00	28.50	0.00
11/20/2006	Monday		494.47		24.54	519.01	28.40	147.40
11/21/2006	Tuesday		492.75		49.08	541.83	28.60	156.05
11/22/2006	Wednesday		416.88		49.12	466.00	27.80	129.55
11/23/2006	Thursday					0.00	31.80	0.00
11/24/2006	Friday		494.05		24.49	518.54	31.20	181.78
11/25/2006	Saturday		297.51			297.51	35.40	105.32
11/26/2006	Sunday					0.00	34.10	0.00
11/27/2006	Monday		494.27		49.98	544.25	31.50	171.44
11/28/2006	Tuesday		499.13		24.78	523.91	30.30	158.74
11/29/2006	Wednesday		491.27		49.10	540.37	32.00	172.92
11/30/2006	Thursday		494.09		48.96	543.05	29.30	159.11
Totals:		0.00	10,381.82	444.63	398.13	11,195.58		3,307.55
							Monthly average % cake solids:	29.54

Daily average wet tons produced:	373.19
Daily average dry tons produced:	108.13

Total tons, Landfilled:	0.00
Cost per ton:	\$32.47
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	10,381.82
Cost per ton:	\$40.37
Total cost, Beneficial use/ADC:	\$419,114.07
Total tons, Beneficial use/Land App.:	813.78
Cost per ton:	\$40.37
Total cost, Beneficial use/Land App.:	\$32,851.49
Total cost:	\$451,965.56

Warren Wozny
Warren Wozny

The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.

The average monthly %TS is used to calculate the total monthly dry tons produced.

ADC - Alternative Daily Cover.

CITY OF SAN DIEGO
METROPOLITAN WASTEWATER DEPARTMENT
OPERATIONS AND MAINTENANCE DIVISION
GRIT AND SCREENINGS DISPOSAL

November 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
11/3/2006	6,280	29.6	11/7/2006
11/13/2006	24,820	25.8	11/14/2006
11/15/2006	13,760	36.3	11/17/2006
11/17/2006	9,180	34.1	11/21/2006
11/22/2006	14,960	34.4	11/24/2006
11/24/2006	14,760	23.3	11/28/2006
Total:	83,760		
Average:	13,960	30.6	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
11/16/2006	17,000	95.1	11/22/2006
Total:	17,000		
Average:	17,000	95.1	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
11/1/2006	17,460	39.8	11/2/2006
11/3/2006	21,160	28.4	11/6/2006
11/8/2006	16,460	25.3	11/9/2006
11/9/2006	18,960	38.2	11/13/2006
11/14/2006	14,600	37.6	11/16/2006
11/17/2006	19,780	44.6	11/20/2006
11/22/2006	11,860	25.5	11/24/2006
11/24/2006	17,180	39.8	11/27/2006
11/28/2006	20,980	56.1	11/30/2006
Total:	158,440		
Average:	17,604	37.3	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
10/26/2006	20,200	47.7	11/1/2006
10/26/2006	19,660	47.7	11/8/2006
11/9/2006	16,120	48.0	11/14/2006
11/16/2006	15,260	45.2	11/22/2006
11/27/2006	21,440	50.5	11/29/2006
Total:	92,680		
Average:	18,536	47.8	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
10/25/2006	7,860	38.1	11/1/2006
11/8/2006	8,800	36.0	11/15/2006
11/21/2006	9,200	39.2	11/29/2006
Total:	25,860		
Average:	8,620	37.8	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
11/9/2006	18,300	24.8	11/13/2006
11/24/2006	16,680	29.8	11/29/2006
Total:	34,980		
Average:	17,490	27.3	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
11/13/2006	16320	72.2	11/20/2006
Total:	16,320		
Average:	16,320	72.2	

O&M DIVISION TOTALS			
	Screenings		Grit
Pounds	1,087,160		357,040
Tons	543.58		178.52

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 November 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
10/31/2006							7,620	76.8	11/1/2006
11/1/2006				21,860	36.4	11/2/2006	6,480	66.2	11/2/2006
11/1/2006				23,620	44.2	11/2/2006			
11/2/2006	9,920	40.5	11/3/2006	23,640	38.6	11/3/2006	12,740	72.7	11/3/2006
11/3/2006				24,320	37.0	11/4/2006	6,440	71.0	11/5/2006
11/4/2006				23,640	38.9	11/5/2006	10,120	50.4	11/5/2006
11/5/2006				23,700	38.4	11/6/2006	7,800	53.8	11/6/2006
11/6/2006	10,360	42.1	11/7/2006	22,800	37.7	11/7/2006	8,520	74.9	11/7/2006
11/7/2006				27,380	38.8	11/8/2006	15,140	71.9	11/8/2006
11/8/2006	5,880	36.0	11/9/2006	27,400	41.9	11/9/2006			
11/9/2006				24,060	37.4	11/10/2006			
11/10/2006				22,460	37.1	11/11/2006	19,120	53.6	11/11/2006
11/11/2006				24,940	39.2	11/12/2006	6,780	52.6	11/12/2006
11/12/2006				24,320	41.3	11/13/2006	7,280	51.3	11/13/2006
11/13/2006				25,880	38.5	11/14/2006	5,820	68.0	11/14/2006
11/14/2006	19,360	39.8	11/15/2006	22,960	42.3	11/15/2006	8,000	68.0	11/15/2006
11/15/2006				26,960	38.7	11/16/2006	21,060	63.3	11/17/2006
11/16/2006	5,160	38.7	11/17/2006	23,240	36.4	11/17/2006			
11/17/2006				28,060	39.2	11/18/2006	14,980	84.6	11/18/2006
11/18/2006				25,080	37.8	11/19/2006			
11/19/2006				23,720	37.2	11/20/2006	14,260	56.4	11/20/2006
11/20/2006	14,120	39.7	11/22/2006	20,040	41.6	11/21/2006	12,240	67.1	11/21/2006
11/21/2006				24,360	42.0	11/22/2006	6,200	63.3	11/22/2006
11/23/2006				21,600	37.1	11/24/2006			
11/23/2006				19,900	43.6	11/24/2006			
11/24/2006				23,240	35.6	11/25/2006	11,400	78.5	11/25/2006
11/25/2006				18,000	36.7	11/26/2006	16,820	46.1	11/26/2006
11/26/2006				24,220	36.2	11/27/2006			
11/27/2006	16,660	46.6	11/28/2006	24,560	33.4	11/29/2006	13,060	62.2	11/28/2006
11/28/2006				19,700	44.8	11/30/2006	7,400	72.9	11/29/2006
11/28/2006							8,760	72.0	11/30/2006
Totals:	81,460			685,660			248,040		
Averages:	11,637	40.5		23,643	38.9		10,784	65.1	

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 SCUM DISPOSAL
 November 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
11/3/2006	13.97
11/20/2006	12.65
Average:	13.31
Total:	26.62

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
N/A	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
N/A	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	26.62

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 November 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
11/1/2006		2,080									
11/6/2006	1,800										
11/8/2006									720		4,060
11/13/2006					1,320						
11/15/2006						1,860					
11/16/2006	2,360	1,740									
11/20/2006			2,380								
11/21/2006	1,460										
11/28/2006	2,280										
11/29/2006		1,280									1,640
11/30/2006			4,280								
Totals:	7,900	5,100	6,660	0	1,320	1,860	0	0	720	0	5,700
Grand total:				29,260 Pounds							

CLEAN GREEN RECYCLING
 November 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
11/7/2006										2,280
11/9/2006						6,640				
11/10/2006			1,620							
Totals:	0	0	1,620	0	0	6,640	0	0	0	2,280
Grand total:			10,540 Pounds							

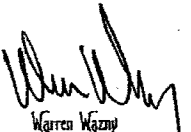
CITY OF SAN DIEGO

BIOSOLIDS DISPOSAL/BENEFICIAL USE MONTHLY REPORT

Metro Biosolids Center San Diego Landfill Systems Landfill Disposal Beneficial Use December 2006		Landfilled	Beneficial Use			Daily Totals hauled wet tons	Daily total cake solids %	Daily Totals hauled dry tons
			ADC	Land Application				
		Otay Landfill	Otay Landfill	Field YM 1-5	Field YM 1-8			
		San Diego Cnty.	San Diego Cnty.	Yuma County	Yuma County			
		California	California	Arizona	Arizona			
Biosolids	Biosolids	Biosolids	Biosolids					
Date	Day	Delivered, tons	Delivered, tons	Delivered, tons	Delivered, tons			
12/1/2006	Friday	441.43	72.60			514.03	28.90	148.55
12/2/2006	Saturday	294.39				294.39	28.20	83.02
12/3/2006	Sunday					0.00	27.60	0.00
12/4/2006	Monday	515.64	49.70			565.34	27.10	153.21
12/5/2006	Tuesday	475.25	49.68			524.93	27.90	146.46
12/6/2006	Wednesday	346.79	49.35			396.14	28.70	113.69
12/7/2006	Thursday	446.07	25.69			471.76	32.80	154.74
12/8/2006	Friday					0.00	29.10	0.00
12/9/2006	Saturday					0.00	29.10	0.00
12/10/2006	Sunday					0.00	31.60	0.00
12/11/2006	Monday	495.08		25.21		520.29	30.20	157.13
12/12/2006	Tuesday	465.73		25.21		490.94	29.40	144.34
12/13/2006	Wednesday	441.99		24.34		466.33	28.70	133.84
12/14/2006	Thursday	496.15				496.15	29.40	145.87
12/15/2006	Friday	441.40		48.51		489.91	27.50	134.73
12/16/2006	Saturday	367.54				367.54	29.80	109.53
12/17/2006	Sunday					0.00	29.10	0.00
12/18/2006	Monday	496.32		25.71		522.03	28.10	146.69
12/19/2006	Tuesday	445.24		25.28		470.52	29.80	140.21
12/20/2006	Wednesday	470.79		24.93		495.72	28.80	142.77
12/21/2006	Thursday	478.35		24.85		501.00	28.40	142.28
12/22/2006	Friday	391.33		25.11		416.44	30.20	125.76
12/23/2006	Saturday	295.93				295.93	32.80	97.07
12/24/2006	Sunday					0.00	28.70	0.00
12/25/2006	Monday					0.00	30.20	0.00
12/26/2006	Tuesday	473.12		25.17		498.29	29.40	146.50
12/27/2006	Wednesday	390.09		24.76		414.85	27.80	115.74
12/28/2006	Thursday	474.88		25.11		499.99	28.50	142.50
12/29/2006	Friday	393.53		25.16		418.69	27.70	145.98
12/30/2006	Saturday	348.48				348.48	28.50	99.32
12/31/2006	Sunday					0.00	28.10	0.00
Totals:		0.00	9,883.52	247.02	349.15	10,479.69		3,049.93
						Monthly average % cake solids:	29.10	

Daily average wet tons produced:	338.05
Daily average dry tons produced:	98.06

Total tons, Landfilled:	0.00
Cost per ton:	\$32.47
Total cost, Landfilled:	\$0.00
Total tons, Beneficial use/ADC:	9,883.52
Cost per ton:	\$40.37
Total cost, Beneficial use/ADC:	\$398,987.70
Total tons, Beneficial use/Land App.:	598.17
Cost per ton:	\$40.37
Total cost, Beneficial use/Land App.:	\$24,067.38
Total cost:	\$423,055.09


 Warren Wazni

%TS result for 12/8 and 12/9/06 is the average for the month. No samples were taken due to plant shutdown.
 The %TS values listed on days where hauling did not take place are included in the calculation of average monthly %TS.
 The average monthly %TS is used to calculate the total monthly dry tons produced.
 ADC - Alternative Daily Cover.

CITY OF SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT OPERATIONS AND MAINTENANCE DIVISION GRIT AND SCREENINGS DISPOSAL

December 2006

Pump Station 1			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
11/28/2006	12,140	25.1	12/1/2006
12/1/2006	14,880	21.5	12/5/2006
12/6/2006	12,860	26.5	12/8/2006
12/8/2006	14,480	22.0	12/12/2006
12/13/2006	10,800	32.9	12/15/2006
12/15/2006	14,200	25.5	12/19/2006
12/20/2006	11,680	25.9	12/22/2006
12/22/2006	14,560	23.5	12/26/2006
12/27/2006	17,680	41.0	12/29/2006
Total:	123,280		
Average:	13,698	27.1	

North City Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
N/A	0	N/A	N/A
Total:	0		
Average:	0	N/A	

North City Water Reclamation Plant			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
11/30/2006	10,760	40.5	12/6/2006
12/8/2006	13,200	40.4	12/13/2006
12/14/2006	14,000	40.0	12/20/2006
12/21/2006	10,880	44.6	12/28/2006
Total:	48,840		
Average:	12,210	41.4	

Pump Station 2			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
12/1/2006	19,160	35.2	12/4/2006
12/5/2006	15,240	19.7	12/7/2006
12/8/2006	23,220	35.7	12/11/2006
12/12/2006	18,480	22.5	12/14/2006
12/15/2006	21,100	35.8	12/18/2006
12/18/2006	14,480	44.3	12/21/2006
12/22/2006	21,080	25.9	12/26/2006
12/26/2006	9,160	37.0	12/28/2006
Total:	141,920		
Average:	17,740	32.0	

Pump Station 77 (San Pasqual)			
Coarse Screenings			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
12/6/2006	9,060	31.2	12/13/2006
12/20/2006	10,340	28.7	12/27/2006
Total:	19,400		
Average:	9,700	30.0	

Pump Station 64			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
12/8/2006	15,260	30.0	12/13/2006
12/22/2006	12,920	25.7	12/27/2006
Total:	28,180		
Average:	14,090	27.9	

South Bay Water Reclamation Plant			
Sample Date	Screenings Pounds	Total Solids, %	Disposal Date
12/13/2006	4,760	66.4	12/15/2006
Total:	4,760		
Average:	4,760	66.4	

Metropolitan Biosolids Center			
Sample Date	Grit Pounds	Total Solids, %	Disposal Date
12/18/2006	5,120	45.1	12/19/2006
12/18/2006	15,220	59.6	12/20/2006
Total:	20,340		
Average:	10,170	59.6	

O&M DIVISION TOTALS			
	Screenings		Grit
Pounds	984,340		303,900
Tons	492.17		151.95

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 GRIT AND SCREENINGS DISPOSAL
 December 2006

Point Loma Treatment Plant									
Sample Date	Influent Screenings			Sludge Screenings			Grit		
	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date	Pounds	Total Solids, %	Disposal Date
11/30/2006	9,520	42.5	12/1/2006	21,240	45.7	12/1/2006	9,620	43.0	12/2/2006
12/1/2006				19,540	44.0	12/2/2006			
12/2/2006				19,360	36.2	12/3/2006			
12/3/2006				16,040	38.2	12/4/2006			
12/4/2006	13,920	51.5	12/5/2006				18,240	50.5	12/5/2006
12/4/2006							10,080	50.5	12/6/2006
12/5/2006				23,680	38.9	12/6/2006			
12/6/2006				25,180	42.0	12/7/2006	12,960	61.8	12/8/2006
12/7/2006	10,040	38.3	12/8/2006	18,420	37.8	12/8/2006			
12/8/2006				19,720	36.9	12/9/2006	6,820	62.6	12/9/2006
12/9/2006				21,600	37.8	12/10/2006	10,800	62.3	12/11/2006
12/10/2006				14,960	36.7	12/11/2006			
12/11/2006				15,580	37.4	12/12/2006	13,040	60.4	12/13/2006
12/11/2006				16,540	37.4	12/13/2006			
12/12/2006	13,900	33.9	12/13/2006						
12/13/2006				16,040	38.7	12/14/2006			
12/13/2006				16,220	36.1	12/14/2006			
12/14/2006				16,080	37.0	12/15/2006	15,380	64.3	12/15/2006
12/15/2006				17,100	39.1	12/16/2006			
12/16/2006									
12/17/2006				22,640	40.6	12/18/2006	15,300	53.8	12/18/2006
12/18/2006	19,760	53.7	12/19/2006	19,360	34.9	12/20/2006	17,000	58.1	12/19/2006
12/18/2006							7,660	57.4	12/20/2006
12/19/2006									
12/20/2006				20,320	38.4	12/21/2006	7,660	59.5	12/21/2006
12/21/2006	9,340	40.8	12/22/2006	25,940	35.3	12/22/2006	18,740	52.9	12/22/2006
12/22/2006				23,360	35.4	12/23/2006	8,180	53.9	12/23/2006
12/23/2006				21,160	37.2	12/24/2006	8,000	57.5	12/24/2006
12/24/2006							7,920	52.4	12/26/2006
12/25/2006				22,640	36.0	12/26/2006	8,560	63.5	12/26/2006
12/26/2006	23,580	31.9	12/27/2006	32,920	36.5	12/27/2006	6,040	57.4	12/27/2006
12/27/2006				26,660	29.6	12/28/2006	8,000	64.7	12/28/2006
12/28/2006							8,440	62.6	12/29/2006
12/29/2006	12,260	43.9	12/30/2006	23,220	33.7	12/30/2006	8,060	49.6	12/30/2006
12/30/2006				18,960	37.9	12/31/2006	8,220	57.2	12/31/2006
Totals:	112,320			554,480			234,720		
Averages:	14,040	42.1		20,536	37.6		10,669	57.1	

CITY OF SAN DIEGO

METROPOLITAN WASTEWATER DEPARTMENT OPERATIONS AND MAINTENANCE DIVISION

SCUM DISPOSAL

December 2006

Point Loma Treatment Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
12/8/2006	16.77
12/20/2006	13.97
Average:	15.37
Total:	30.74

North City Water Reclamation Plant	
Date	Otay Landfill
	San Diego County
	Tons delivered
N/A	0.00
Average:	0.00
Total:	0.00

South Bay Water Reclamation Plant	
Date	Copper Mountain Landfill
	Wellton, Arizona
	Tons delivered
N/A	0.00
Average:	0.00
Total:	0.00

O&M DIVISION TOTALS	
Tons	30.74

CITY OF SAN DIEGO
 METROPOLITAN WASTEWATER DEPARTMENT
 OPERATIONS AND MAINTENANCE DIVISION
 REFUSE REMOVAL
 December 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64/65 Pounds	Penasquitos Pounds	SBWRP Pounds
12/4/2006	2,120										
12/5/2006									500		
12/6/2006				780							
12/7/2006			2,400		2,060	2,620					
12/9/2006		3,000									
12/12/2006			3,200								
12/18/2006	3,640	1,580									
12/19/2006			2,360								
12/21/2006								4,380			
12/28/2006	5,040										
12/29/2006				160		2,080					
Totals:	10,800	4,580	7,960	940	2,060	4,700	0	4,380	500	0	0
Grand total: 35,920 Pounds											

CLEAN GREEN RECYCLING
 December 2006

Date	MOC Pounds	MBC Pounds	Point Loma Pounds	P.S. 2 Pounds	P.S. 1 Pounds	NCWRP Pounds	SPWRP Pounds	EMG Pounds	P.S. 64 Pounds	SBWRP Pounds
12/1/2006										1,300
12/12/2006						6,260				
12/15/2006										2,220
Totals:	0	0	0	0	0	6,260	0	0	0	3,520
Grand total: 9,780 Pounds										

Enclosure 6 - Copies of monthly Title 22 reports on MBC dewatered biosolids for 2006.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

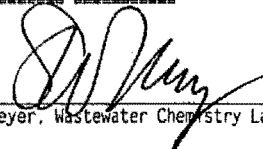
From: 01-JAN-2006 to: 31-JAN-2006

Source: MBCDEWCN
Sample ID: P329983
Sample Date: 31-JAN-2006

INORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety Code
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg	4.49	1.26	500	*	15	-	-
Arsenic	.68	mg/kg	3.93	1.11	500	*	5.0	41	-
Barium	.023	mg/kg	410	115.4	10000	*	100	-	-
Beryllium	.004	mg/kg	ND	ND	75	*	0.75	-	-
Cadmium	.018	mg/kg	1.75	0.49	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg	NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg	40.8	11.5	2500	*	560	1200	-
Cobalt	.083	mg/kg	1.74	0.49	8000	*	80	-	-
Copper	.215	mg/kg	671	189	2500	*	25	1500	2500
Lead	.604	mg/kg	22.0	6.19	1000	*	5.0	300	350
Mercury	.132	mg/kg	1.36	0.38	20	*	0.2	17	-
Molybdenum	.143	mg/kg	16.2	4.56	3500	*	350.0	-	-
Nickel	.063	mg/kg	30.5	8.57	2000	*	20	420	2000
Selenium	.47	mg/kg	5.02	1.41	100	*	1.0	36	-
Silver	.06	mg/kg	16.2	4.56	500	*	5.0	-	-
Thallium	.771	mg/kg	ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg	148.5	41.8	2400	*	24	-	-
Zinc	.946	mg/kg	786	221	5000	*	250	2800	-
Fluoride	NA	mg/kg	NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg	12.8	3.6	-	-	-	-	-
Sulfides-Total	2170	mg/kg	16900	4757	-	-	-	-	-
Total Solids	NA	Wt%	28.2	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%	56.8	-	-	-	-	-	-
pH	NA	pH Units	7.97	-	>2 - < 12	-	-	-	-

ORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg	ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg	0.101500	0.028600	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg	ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg	ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg	ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg	ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg	ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg	NA	NA	21	NA	2
Lindane	0.00001	mg/Kg	ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg	ND	ND	100	*	10
Mirex	0.00002	mg/Kg	ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg	ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg	ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg	ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg	ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg	ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Chemistry Laboratory

TTLc = Total Threshold Limit Concentration.

STLC = Soluble Threshold Limit Concentration.

W.E.T. = Waste Extraction Technique.

* = The total concentration is less than 10 times the STLC. Therefore by definition,

this substance is present in concentrations that are less than the limits for hazardous wastes.

** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".

*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.

NA= Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required

MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)

MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

TTLc = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

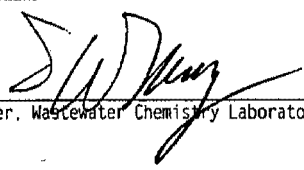
From: 01-FEB-2006 to: 28-FEB-2006

Source: MBCDEWCN
Sample ID: P333025
Sample Date: 28-FEB-2006

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety Code
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg		4.02	1.17	500	*	15	-	-
Arsenic	.68	mg/kg		4.16	1.21	500	*	5.0	41	-
Barium	.023	mg/kg		179	51.9	10000	*	100	-	-
Beryllium	.004	mg/kg		ND	ND	75	*	0.75	-	-
Cadmium	.018	mg/kg		1.64	0.48	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg		49.1	14.2	2500	*	560	1200	-
Cobalt	.083	mg/kg		1.72	0.50	8000	*	80	-	-
Copper	.215	mg/kg		670	194	2500	*	25	1500	2500
Lead	.604	mg/kg		20.2	5.87	1000	*	5.0	300	350
Mercury	.132	mg/kg		1.37	0.40	20	*	0.2	17	-
Molybdenum	.143	mg/kg		15.9	4.60	3500	*	350.0	-	-
Nickel	.063	mg/kg		31.7	9.21	2000	*	20	420	2000
Selenium	.47	mg/kg		4.30	1.25	100	*	1.0	36	-
Silver	.06	mg/kg		16.5	4.78	500	*	5.0	-	-
Thallium	.771	mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg		101	29.3	2400	*	24	-	-
Zinc	.946	mg/kg		786	228	5000	*	250	2800	-
Fluoride	NA	mg/kg		NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg		ND	ND	-	-	-	-	-
Sulfides-Total	2170	mg/kg		15650	4546	-	-	-	-	-
Total Solids	NA	Wt%		29.1	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%		58.7	-	-	-	-	-	-
pH	NA	pH Units		7.96	-	>2 - < 12	-	-	-	-

ORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg		0.063500	0.018400	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg		ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg		NA	NA	21	NA	2
Lindane	0.00001	mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg		ND	ND	100	*	10
Mirex	0.00002	mg/Kg		ND	ND	21	*	2
Pentachloropheno	0.8	mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg		ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Chemistry Laboratory

- TTLc = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
W.E.T. = Waste Extraction Technique.
* = The total concentration is less than 10 times the STLC. Therefore by definition, this substance is present in concentrations that are less than the limits for hazardous wastes.
** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".
*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.
NA= Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.
TTLc = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

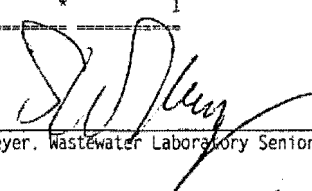
From: 01-MAR-2006 to: 31-MAR-2006

Source: MBCDEWCN
Sample ID: P336177
Sample Date: 31-MAR 2006

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health & Safety Code
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Limits ***
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51 mg/kg			4.42	1.25	500	*	15	-	-
Arsenic	.68 mg/kg			4.42	1.25	500	*	5.0	41	-
Barium	.023 mg/kg			605	171.8	10000	*	100	-	-
Beryllium	.004 mg/kg			0.018	0.005	75	*	0.75	-	-
Cadmium	.018 mg/kg			3.59	1.02	100	*	1.0	39	-
Chromium (VI)	NA mg/kg			NA	NA	500	NA	5.0	-	-
Chromium	.083 mg/kg			51.9	14.7	2500	*	560	1200	-
Cobalt	.083 mg/kg			1.94	0.55	8000	*	80	-	-
Copper	.215 mg/kg			725	206	2500	*	25	1500	2500
Lead	.604 mg/kg			25.6	7.26	1000	*	5.0	300	350
Mercury	.132 mg/kg			1.35	0.38	20	*	0.2	17	-
Molybdenum	.143 mg/kg			19.0	5.38	3500	*	350.0	-	-
Nickel	.063 mg/kg			30.0	8.51	2000	*	20	420	2000
Selenium	.47 mg/kg			4.60	1.30	100	*	1.0	36	-
Silver	.06 mg/kg			17.8	5.04	500	*	5.0	-	-
Thallium	.771 mg/kg			ND	ND	700	*	7.0	-	-
Vanadium	.064 mg/kg			96.5	27.4	2400	*	24	-	-
Zinc	.946 mg/kg			1050	298	5000	*	250	2800	-
Fluoride	NA mg/kg			NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11 mg/kg			ND	ND	-				
Sulfides-Total	2170 mg/kg			17400	4942	-				
Total Solids	NA Wt%			28.4	-	-				
Total Volatile Solids	NA Wt%			57.6	-	-				
pH	NA pH Units			8.01	>2 - < 12					

ORGANICS	Constituent	MDL	Units	Total Conc Dry Wt.	Total Conc Wet Wt.	TTLc Limit Wet Wt.	W.E.T. Conc Wet Wt.	STLC Limit Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002 mg/Kg			ND	ND	1.4	*	0.14
Chlordanes	0.000014 mg/Kg			ND	ND	2.5	*	0.25
DDT, DDE, DDD	0.00004 mg/Kg			ND	ND	1.0	*	0.10
2,4-D	3.4 mg/Kg			ND	ND	100	*	10
Dieldrin	0.00002 mg/Kg			ND	ND	8.0	*	0.8
Endrin	0.00003 mg/Kg			ND	ND	0.2	*	0.02
Heptachlor	0.00003 mg/Kg			ND	ND	4.7	*	0.47
Kepone	NA mg/Kg			NA	NA	21	NA	2
Lindane	0.00001 mg/Kg			ND	ND	4.0	*	0.4
Methoxychlor	NA mg/Kg			ND	ND	100	*	10
Mirex	0.00002 mg/Kg			ND	ND	21	*	2
Pentachlorophenol	0.8 mg/Kg			ND	ND	17	NA	1.7
PCBs (Arochlors)	NA mg/Kg			ND	ND	50	*	5.0
Toxaphene	0.00024 mg/Kg			ND	ND	5	*	0.5
Trichloroethene	0.0253 mg/Kg			ND	ND	2040	*	204
2,4,5-TP	4.4 mg/Kg			ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

TTLc = Total Threshold Limit Concentration.

STLC = Soluble Threshold Limit Concentration.

W.E.T. = Waste Extraction Technique.

* = The total concentration is less than 10 times the STLC. Therefore by definition,

this substance is present in concentrations that are less than the limits for hazardous wastes.

** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".

*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.

NA= Not Analyzed. ND= Not Detected. NS= Not Sampled. NR= Not Required

MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)

MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

TTLc = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

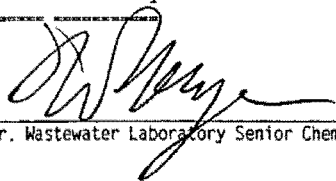
From: 01-APR-2006 to: 30-APR-2006

Source: MBCDEWCN
Sample ID: P340221
Sample Date: 30-APR 2006

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health & Safety Code
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Limits ***
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg		4.43	1.28	500	*	15	-	-
Arsenic	.68	mg/kg		4.80	1.39	500	*	5.0	41	-
Barium	.023	mg/kg		355	102.6	10000	*	100	-	-
Beryllium	.004	mg/kg		0.113	0.033	75	*	0.75	-	-
Cadmium	.018	mg/kg		2.28	0.66	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg		51.6	14.9	2500	*	560	1200	-
Cobalt	.083	mg/kg		2.51	0.73	8000	*	80	-	-
Copper	.215	mg/kg		573	165	2500	*	25	1500	2500
Lead	.604	mg/kg		28.9	8.34	1000	*	5.0	300	350
Mercury	.132	mg/kg		1.67	0.48	20	*	0.2	17	-
Molybdenum	.143	mg/kg		31.3	9.05	3500	*	350.0	-	-
Nickel	.063	mg/kg		34.3	9.90	2000	*	20	420	2000
Selenium	.47	mg/kg		5.18	1.50	100	*	1.0	36	-
Silver	.06	mg/kg		22.4	6.46	500	*	5.0	-	-
Thallium	.771	mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg		67.3	19.4	2400	*	24	-	-
Zinc	.946	mg/kg		1250	361	5000	*	250	2800	-
Fluoride	NA	mg/kg		NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg		ND	ND	-	-	-	-	-
Sulfides-Total	2170	mg/kg		17300	5000	-	-	-	-	-
Total Solids	NA	Wt%		28.9	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%		57.5	-	-	-	-	-	-
pH	NA	pH Units		8.22	-	>2 - < 12	-	-	-	-

ORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg		ND	ND	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg		ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg		NA	NA	21	NA	2
Lindane	0.00001	mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg		ND	ND	100	*	10
Mirex	0.00002	mg/Kg		ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg		ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

TTLc = Total Threshold Limit Concentration.

STLC = Soluble Threshold Limit Concentration.

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POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

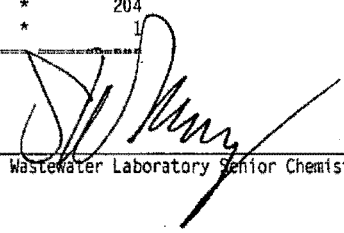
From: 01-MAY-2006 to: 31-MAY-2006

Source: MBCDEWCN
Sample ID: P343565
Sample Date: 31-MAY-2006

INORGANICS	Constituent	MDL Units	Total Conc		TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health & Safety Code
			Dry Wt. mg/Kg	Wet Wt. mg/Kg	Wet Wt. mg/Kg	Wet Wt. mg/L	Wet Wt. mg/L	Limits ** mg/Kg	Limits *** mg/Kg
Antimony	4.51 mg/kg		4.25	1.19	500	*	15	-	-
Arsenic	.68 mg/kg		3.44	0.96	500	*	5.0	41	-
Barium	.023 mg/kg		490	136.7	10000	*	100	-	-
Beryllium	.004 mg/kg		0.149	0.042	75	*	0.75	-	-
Cadmium	.018 mg/kg		2.11	0.59	100	*	1.0	39	-
Chromium (VI)	NA mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083 mg/kg		45.0	12.5	2500	*	560	1200	-
Cobalt	.083 mg/kg		2.40	0.67	8000	*	80	-	-
Copper	.215 mg/kg		646	180	2500	*	25	1500	2500
Lead	.604 mg/kg		24.6	6.86	1000	*	5.0	300	350
Mercury	.132 mg/kg		1.33	0.37	20	*	0.2	17	-
Molybdenum	.143 mg/kg		18.7	5.22	3500	*	350.0	-	-
Nickel	.063 mg/kg		32.6	9.10	2000	*	20	420	2000
Selenium	.47 mg/kg		5.46	1.52	100	*	1.0	36	-
Silver	.06 mg/kg		27.3	6.62	500	*	5.0	-	-
Thallium	.771 mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064 mg/kg		71.9	20.0	2400	*	24	-	-
Zinc	.946 mg/kg		1130	315	5000	*	250	2800	-
Fluoride	NA mg/kg		NA	NA	18000	NA	180	-	-
Sulfides- Reactive	11 mg/kg		ND	ND	-	-	-	-	-
Sulfides- Total	2170 mg/kg		17300	5000	-	-	-	-	-
Total Solids	NA Wt%		27.9	-	-	-	-	-	-
Total Volatile Solids	NA Wt%		57.6	-	-	-	-	-	-
pH	NA pH Units		7.96	>2 - <12	-	-	-	-	-

ORGANICS	Constituent	MDL Units	Total Conc Dry Wt. mg/Kg	Total Conc Wet Wt. mg/Kg	TTLc Limit Wet Wt. mg/Kg	W.E.T. Conc Wet Wt. mg/L	STLC Limit Wet Wt. mg/L
Aldrin	0.00002 mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014 mg/Kg		0.0735	0.02051	2.5	*	0.25
DDT, DOE, DDD	0.00004 mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4 mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002 mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003 mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003 mg/Kg		ND	ND	4.7	*	0.47
Kepone	NA mg/Kg		NA	NA	21	NA	2
Lindane	0.00001 mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA mg/Kg		ND	ND	100	*	10
Mirex	0.00002 mg/Kg		ND	ND	21	*	2
Pentachlorophenol	0.8 mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024 mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253 mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4 mg/Kg		ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

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STLC = Soluble Threshold Limit Concentration.

W.E.T. = Waste Extraction Technique.

* = The total concentration is less than 10 times the STLC. Therefore by definition,

this substance is present in concentrations that are less than the limits for hazardous wastes.

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*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.

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POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

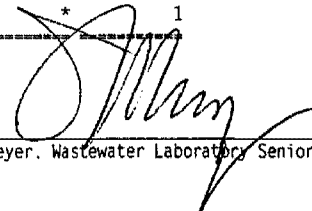
From: 01-JUN-2006 to: 30-JUN-2006

Source: MBCDEWCN
Sample ID: P346984
Sample Date: 30-JUN-2006

INORGANICS	Constituent	MDL Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety Code
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51 mg/kg		4.36	1.30	500	*	15	-	-
Arsenic	.68 mg/kg		3.21	0.96	500	*	5.0	41	-
Barium	.023 mg/kg		409	121.7	10000	*	100	-	-
Beryllium	.004 mg/kg		0.675	0.201	75	*	0.75	-	-
Cadmium	.018 mg/kg		2.06	0.61	100	*	1.0	39	-
Chromium (VI)	NA mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083 mg/kg		50.2	14.9	2500	*	560	1200	-
Cobalt	.083 mg/kg		4.02	1.20	8000	*	80	-	-
Copper	.215 mg/kg		701	209	2500	*	25	1500	2500
Lead	.604 mg/kg		25.1	7.46	1000	*	5.0	300	350
Mercury	.132 mg/kg		1.33	0.39	20	*	0.2	17	-
Molybdenum	.143 mg/kg		17.5	5.22	3500	*	350.0	-	-
Nickel	.063 mg/kg		49.3	14.7	2000	*	20	420	2000
Selenium	.47 mg/kg		4.07	1.21	100	*	1.0	36	-
Silver	.06 mg/kg		34.0	10.1	500	*	5.0	-	-
Thallium	.771 mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064 mg/kg		68.6	20.4	2400	*	24	-	-
Zinc	.946 mg/kg		1055	314	5000	*	250	2800	-
Fluoride	NA mg/kg		NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11 mg/kg		ND	ND	-	-	-	-	-
Sulfides-Total	2170 mg/kg		11650	3472	-	-	-	-	-
Total Solids	NA Wt%		29.8	-	-	-	-	-	-
Total Volatile Solids	NA Wt%		57.9	-	-	-	-	-	-
pH	NA pH Units		7.77	-	>2 - < 12	-	-	-	-

ORGANICS	Constituent	MDL Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002 mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014 mg/Kg		0.03600	0.01073	2.5	*	0.25
DDT, DDE, DDD	0.00004 mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4 mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002 mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003 mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003 mg/Kg		ND	ND	4.7	*	0.47
Kepone	NA mg/Kg		NA	NA	21	NA	2
Lindane	0.00001 mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA mg/Kg		ND	ND	100	*	10
Mirex	0.00002 mg/Kg		ND	ND	21	*	2
Pentachlorophenol	0.8 mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024 mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253 mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4 mg/Kg		ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.



Steve Meyer, Wastewater Laboratory Senior Chemist

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*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.

NA= Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required

MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)

MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

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POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

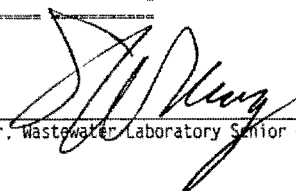
From: 01-JUL-2006 to: 31-JUL-2006

Source: MBCDEWCN
Sample ID: P351414
Sample Date: 31-JUL-2006

INORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety ***
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg	3.88	1.11	500	*	15	-	-
Arsenic	.68	mg/kg	2.71	0.78	500	*	5.0	41	-
Barium	.023	mg/kg	343	98.4	10000	*	100	-	-
Beryllium	.004	mg/kg	0.59	0.169	75	*	0.75	-	-
Cadmium	.018	mg/kg	2.07	0.59	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg	NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg	61.6	17.7	2500	*	560	1200	-
Cobalt	.083	mg/kg	3.88	1.11	8000	*	80	-	-
Copper	.215	mg/kg	744	214	2500	*	25	1500	2500
Lead	.604	mg/kg	26.5	7.61	1000	*	5.0	300	350
Mercury	.132	mg/kg	1.50	0.43	20	*	0.2	17	-
Molybdenum	.143	mg/kg	20.3	5.81	3500	*	350.0	-	-
Nickel	.063	mg/kg	58.8	16.9	2000	*	20	420	2000
Selenium	.47	mg/kg	5.67	1.63	100	*	1.0	36	-
Silver	.06	mg/kg	22.6	6.5	500	*	5.0	-	-
Thallium	.771	mg/kg	ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg	47.9	13.7	2400	*	24	-	-
Zinc	.946	mg/kg	1090	313	5000	*	250	2800	-
Fluoride	NA	mg/kg	NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg	ND	ND	-	-	-	-	-
Sulfides-Total	2170	mg/kg	10500	3014	-	-	-	-	-
Total Solids	NA	Wt%	28.7	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%	57.9	-	-	-	-	-	-
pH	NA	pH Units	7.93	-	>2 - < 12	-	-	-	-

ORGANICS Constituent	MDL	Units	Total Conc Dry Wt.	Total Conc Wet Wt.	TTLc Limit Wet Wt.	W.E.T. Conc Wet Wt.	STLC Limit Wet Wt.
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg	ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg	ND	ND	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg	ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg	ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg	ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg	ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg	ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg	NA	NA	21	NA	2
Lindane	0.00001	mg/Kg	ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg	ND	ND	100	*	10
Mirex	0.00002	mg/Kg	ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg	ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg	ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg	ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg	ND#	ND#	2040	*	204
2,4,5-TP	4.4	mg/Kg	ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

TTLc = Total Threshold Limit Concentration.

STLC = Soluble Threshold Limit Concentration.

W.E.T. = Waste Extraction Technique.

* = The total concentration is less than 10 times the STLC. Therefore by definition,

this substance is present in concentrations that are less than the limits for hazardous wastes.

** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".

*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.

NA= Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required

MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)

MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

TTLc = Total Threshold Limit Concentration.

Note that, this analysis did not meet quality control acceptance criteria.

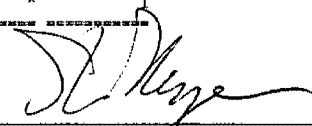
POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

From: 01-AUG-2006 to: 31-AUG-2006

Source: MBCDEWCN
Sample ID: P354950
Sample Date: 31-AUG-2006

INORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health & Safety Code
			Dry Wt. mg/Kg	Wet Wt. mg/Kg	Wet Wt. mg/Kg	Wet Wt. mg/L	Wet Wt. mg/L	Limits ** mg/Kg	Limits *** mg/Kg
Antimony	4.51	mg/kg	4.50	1.26	500	*	15	-	-
Arsenic	.68	mg/kg	2.31	0.64	500	*	5.0	41	-
Barium	.023	mg/kg	336	93.6	10000	*	100	-	-
Beryllium	.004	mg/kg	0.38	0.107	75	*	0.75	-	-
Cadmium	.018	mg/kg	2.11	0.59	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg	NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg	75.4	21.0	2500	*	560	1200	-
Cobalt	.083	mg/kg	3.16	0.88	8000	*	80	-	-
Copper	.215	mg/kg	756	211	2500	*	25	1500	2500
Lead	.604	mg/kg	24.7	6.88	1000	*	5.0	300	350
Mercury	.132	mg/kg	1.77	0.49	20	*	0.2	17	-
Molybdenum	.143	mg/kg	20.2	5.62	3500	*	350.0	-	-
Nickel	.063	mg/kg	68.4	19.1	2000	*	20	420	2000
Selenium	.47	mg/kg	5.48	1.52	100	*	1.0	36	-
Silver	.06	mg/kg	17.0	4.7	500	*	5.0	-	-
Thallium	.771	mg/kg	ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg	32.2	9.0	2400	*	24	-	-
Zinc	.946	mg/kg	923	257	5000	*	250	2800	-
Fluoride	NA	mg/kg	NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg	15.2	4.24	-	-	-	-	-
Sulfides-Total	2170	mg/kg	15650	4366	-	-	-	-	-
Total Solids	NA	Wt%	27.9	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%	56.9	-	-	-	-	-	-
pH	NA	pH Units	7.88	-	>2 - < 12	-	-	-	-

ORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
			Dry Wt. mg/Kg	Wet Wt. mg/Kg	Wet Wt. mg/Kg	Wet Wt. mg/L	Wet Wt. mg/L
Aldrin	0.00002	mg/Kg	ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg	ND	ND	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg	ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg	ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg	ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg	ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg	ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg	NA	NA	21	NA	2
Lindane	0.00001	mg/Kg	ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg	ND	ND	100	*	10
Mirex	0.00002	mg/Kg	ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg	ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg	ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg	ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg	ND	ND	2040	*	204
2,4,5-TF	4.4	mg/Kg	ND	ND	10	*	1



On the basis of these analyses, I certify that this dried sludge is nonhazardous as defined by California Code, Title 22, Section 66699.

Steve Meyer, Wastewater Laboratory Senior Chemist

- TTLc = Total Threshold Limit Concentration.
- STLC = Soluble Threshold Limit Concentration.
- W.E.T. = Waste Extraction Technique.
- * = The total concentration is less than 10 times the STLC. Therefore by definition, this substance is present in concentrations that are less than the limits for hazardous wastes.
- ** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".
- *** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.
- NA= Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
- MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
- MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.
- TTLc = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

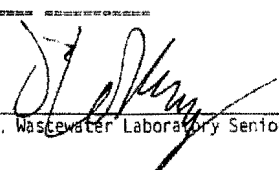
From: 01-SEP-2006 to: 30-SEP-2006

Source: MBCDEWCN
Sample ID: P358116
Sample Date: 30-SEP-2006

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLT Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety Code
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg		3.81	1.06	500	*	15	-	-
Arsenic	.68	mg/kg		2.82	0.79	500	*	5.0	41	-
Barium	.023	mg/kg		329	91.8	10000	*	100	-	-
Beryllium	.004	mg/kg		0.25	0.069	75	*	0.75	-	-
Cadmium	.018	mg/kg		2.59	0.72	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg		75.9	21.2	2500	*	560	1200	-
Cobalt	.083	mg/kg		4.60	1.28	8000	*	80	-	-
Copper	.215	mg/kg		717	200	2500	*	25	1500	2500
Lead	.604	mg/kg		27.1	7.55	1000	*	5.0	300	350
Mercury	.132	mg/kg		1.60	0.45	20	*	0.2	17	-
Molybdenum	.143	mg/kg		19.9	5.54	3500	*	350.0	-	-
Nickel	.063	mg/kg		88.0	24.5	2000	*	20	420	2000
Selenium	.47	mg/kg		5.27	1.47	100	*	1.0	36	-
Silver	.06	mg/kg		19.5	5.4	500	*	5.0	-	-
Thallium	.771	mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg		24.5	6.8	2400	*	24	-	-
Zinc	.946	mg/kg		918	256	5000	*	250	2800	-
Fluoride	NA	mg/kg		NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg		13.1	3.65	-				
Sulfides-Total	2170	mg/kg		15550	4338	-				
Total Solids	NA	Wt%		27.9	-	-				
Total Volatile Solids	NA	Wt%		56.8	-	-				
pH	NA	pH Units		7.83	>2 - < 12	-				

ORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLT Limit	W.E.T. Conc	STLC Limit
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg		0.0625	0.0174	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg		ND	ND	4.7	*	0.47
Kepon	NA	mg/Kg		NA	NA	21	NA	2
Lindane	0.00001	mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg		ND	ND	100	*	10
Mirex	0.00002	mg/Kg		ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg		ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is non-hazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

TTLT = Total Threshold Limit Concentration.

STLC = Soluble Threshold Limit Concentration.

W.E.T. = Waste Extraction Technique.

* = The total concentration is less than 10 times the STLC. Therefore by definition,

this substance is present in concentrations that are less than the limits for hazardous wastes.

** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".

*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.

NA = Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required

MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)

MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

TTLT = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

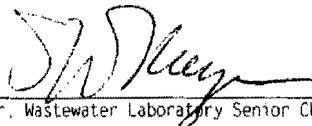
From: 01-OCT-2006 to: 31-OCT-2006

Source: MBCDEWCN
Sample ID: P361408
Sample Date: 31-OCT-2006

INORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health & Safety Code
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Limits ***
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg	4.74	1.35	500	*	15	-	-
Arsenic	.68	mg/kg	3.78	1.08	500	*	5.0	41	-
Barium	.023	mg/kg	180	51.3	10000	*	100	-	-
Beryllium	.004	mg/kg	0.29	0.083	75	*	0.75	-	-
Cadmium	.018	mg/kg	1.94	0.55	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg	NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg	83.7	23.8	2500	*	560	1200	-
Cobalt	.083	mg/kg	5.26	1.50	8000	*	80	-	-
Copper	.215	mg/kg	809	230	2500	*	25	1500	2500
Lead	.604	mg/kg	27.8	7.91	1000	*	5.0	300	350
Mercury	.132	mg/kg	1.41	0.40	20	*	0.2	17	-
Molybdenum	.143	mg/kg	21.2	6.03	3500	*	350.0	-	-
Nickel	.063	mg/kg	101	28.6	2000	*	20	420	2000
Selenium	.47	mg/kg	4.52	1.29	100	*	1.0	36	-
Silver	.06	mg/kg	18.6	5.3	500	*	5.0	-	-
Thallium	.771	mg/kg	ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg	25.7	7.3	2400	*	24	-	-
Zinc	.946	mg/kg	1080	308	5000	*	250	2800	-
Fluoride	NA	mg/kg	NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg	11.2	3.19	-	-	-	-	-
Sulfides-Total	2170	mg/kg	15300	4361	-	-	-	-	-
Total Solids	NA	Wt%	28.5	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%	57.1	-	-	-	-	-	-
pH	NA	pH Units	7.72	>2 - < 12	-	-	-	-	-

ORGANICS Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
			Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
			mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg	ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg	ND	ND	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg	ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg	ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg	ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg	ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg	ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg	NA	NA	21	NA	2
Lindane	0.00001	mg/Kg	ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg	ND	ND	100	*	10
Mirex	0.00002	mg/Kg	ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg	ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg	ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg	ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg	ND ****	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg	ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is non-hazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

TTLc = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
W.E.T. = Waste Extraction Technique.

* = The total concentration is less than 10 times the STLC. Therefore by definition, this substance is present in concentrations that are less than the limits for hazardous wastes.
** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application"
*** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.
NA = Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.
TTLc = Total Threshold Limit Concentration.

**** = Analysis of this sample did not meet quality control criteria. Two of the four surrogate standards for this sample had recoveries higher than the upper control limit of 120%. The quantitation of compounds associated with these two surrogates may be biased high. Trichloroethene was bracketed by the other two surrogate standards that were within established control limits.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

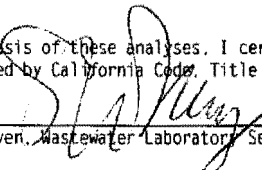
From: 01-NOV-2006 to: 30-NOV-2006

Source: MBCDEWCN
Sample ID: P364927
Sample Date: 30-NOV-2006

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety Code
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51 mg/kg	4.80	1.32	500	*	15	-	-		
Arsenic	.68 mg/kg	3.09	0.85	500	*	5.0	41	-		
Barium	.023 mg/kg	404	111	10000	*	100	-	-		
Beryllium	.004 mg/kg	0.30	0.084	75	*	0.75	-	-		
Cadmium	.018 mg/kg	1.94	0.53	100	*	1.0	39	-		
Chromium (VI)	NA mg/kg	NA	NA	500	NA	5.0	-	-		
Chromium	.083 mg/kg	93.1	25.6	2500	*	560	1200	-		
Cobalt	.083 mg/kg	4.36	1.20	8000	*	80	-	-		
Copper	.215 mg/kg	733	202	2500	*	25	1500	2500		
Lead	.604 mg/kg	23.8	6.56	1000	*	5.0	300	350		
Mercury	.132 mg/kg	1.30	0.36	20	*	0.2	17	-		
Molybdenum	.143 mg/kg	19.4	5.33	3500	*	350.0	-	-		
Nickel	.063 mg/kg	102	28.1	2000	*	20	420	2000		
Selenium	.47 mg/kg	3.84	1.06	100	*	1.0	36	-		
Silver	.06 mg/kg	31.0	8.54	500	*	5.0	-	-		
Thallium	.771 mg/kg	ND	ND	700	*	7.0	-	-		
Vanadium	.064 mg/kg	35.1	9.6	2400	*	24	-	-		
Zinc	.946 mg/kg	1015	280	5000	*	250	2800	-		
Fluoride	NA mg/kg	NA	NA	18000	NA	180	-	-		
Sulfides-Reactive	11 mg/kg	ND	ND	-	-	-	-	-		
Sulfides-Total	2170 mg/kg	16250	4477	-	-	-	-	-		
Total Solids	NA wt%	27.6	-	-	-	-	-	-		
Total Volatile Solids	NA wt%	55.0	-	-	-	-	-	-		
pH	NA pH Units	7.89	>2 - < 12	-	-	-	-	-		

ORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLc Limit	W.E.T. Conc	STLC Limit
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002 mg/Kg	ND	ND	1.4	*	0.14		
Chlordanes	0.000014 mg/Kg	0.073000	0.020111	2.5	*	0.25		
DDT, DDE, DDD	0.00004 mg/Kg	ND	ND	1.0	*	0.10		
2,4-D	3.4 mg/Kg	ND	ND	100	*	10		
Dieldrin	0.00002 mg/Kg	ND	ND	8.0	*	0.8		
Endrin	0.00003 mg/Kg	ND	ND	0.2	*	0.02		
Heptachlor	0.000003 mg/Kg	ND	ND	4.7	*	0.47		
Kepone	NA mg/Kg	NA	NA	21	NA	2		
Lindane	0.00001 mg/Kg	ND	ND	4.0	*	0.4		
Methoxychlor	NA mg/Kg	ND	ND	100	*	10		
Mirex	0.00002 mg/Kg	ND	ND	21	*	2		
Pentachlorophenol	0.8 mg/Kg	ND	ND	17	NA	1.7		
PCBs (Arochlors)	NA mg/Kg	ND	ND	50	*	5.0		
Toxaphene	0.00024 mg/Kg	ND	ND	5	*	0.5		
Trichloroethene	0.0253 mg/Kg	ND	ND	2040	*	204		
2,4,5-TP	4.4 mg/Kg	ND	ND	10	*	1		

On the basis of these analyses, I certify that this dried sludge is non-hazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

- TTLc = Total Threshold Limit Concentration.
- STLC = Soluble Threshold Limit Concentration.
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- ** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".
- *** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.
- NA = Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
- MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
- MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.
- TTLc = Total Threshold Limit Concentration.

POINT LOMA WASTEWATER TREATMENT PLANT
CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TESTS (Title 22)
Metro Biosolids Center Dewatered Sludge

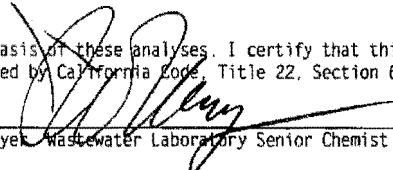
From: 01-DEC-2006 to: 31-DEC-2006

Source: MBCDEWCN
Sample ID: P368380
Sample Date: 31-DEC-2006

INORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLIC Limit	W.E.T. Conc	STLC Limit	40 CFR 503	CA Health &
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Limits **	Safety Code
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg
Antimony	4.51	mg/kg		5.90	1.66	500	*	15	-	-
Arsenic	.68	mg/kg		2.18	0.61	500	*	5.0	41	-
Barium	.023	mg/kg		455	128	10000	*	100	-	-
Beryllium	.004	mg/kg		0.33	0.094	75	*	0.75	-	-
Cadmium	.018	mg/kg		1.78	0.50	100	*	1.0	39	-
Chromium (VI)	NA	mg/kg		NA	NA	500	NA	5.0	-	-
Chromium	.083	mg/kg		73.1	20.6	2500	*	560	1200	-
Cobalt	.083	mg/kg		3.24	0.91	8000	*	80	-	-
Copper	.215	mg/kg		650	183	2500	*	25	1500	2500
Lead	.604	mg/kg		21.1	5.94	1000	*	5.0	300	350
Mercury	.132	mg/kg		1.34	0.38	20	*	0.2	17	-
Molybdenum	.143	mg/kg		14.1	3.96	3500	*	350.0	-	-
Nickel	.063	mg/kg		59.6	16.8	2000	*	20	420	2000
Selenium	.47	mg/kg		4.36	1.23	100	*	1.0	36	-
Silver	.06	mg/kg		26.2	7.37	500	*	5.0	-	-
Thallium	.771	mg/kg		ND	ND	700	*	7.0	-	-
Vanadium	.064	mg/kg		60.8	17.1	2400	*	24	-	-
Zinc	.946	mg/kg		896	253	5000	*	250	2800	-
Fluoride	NA	mg/kg		NA	NA	18000	NA	180	-	-
Sulfides-Reactive	11	mg/kg		ND	ND	-	-	-	-	-
Sulfides-Total	2170	mg/kg		14250	4019	-	-	-	-	-
Total Solids	NA	Wt%		28.2	-	-	-	-	-	-
Total Volatile Solids	NA	Wt%		55.8	-	-	-	-	-	-
pH	NA	pH Units		8.00	>2 - < 12	-	-	-	-	-

ORGANICS	Constituent	MDL	Units	Total Conc	Total Conc	TTLIC Limit	W.E.T. Conc	STLC Limit
				Dry Wt.	Wet Wt.	Wet Wt.	Wet Wt.	Wet Wt.
				mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L
Aldrin	0.00002	mg/Kg		ND	ND	1.4	*	0.14
Chlordanes	0.000014	mg/Kg		0.158000	0.0446	2.5	*	0.25
DDT, DDE, DDD	0.00004	mg/Kg		ND	ND	1.0	*	0.10
2,4-D	3.4	mg/Kg		ND	ND	100	*	10
Dieldrin	0.00002	mg/Kg		ND	ND	8.0	*	0.8
Endrin	0.00003	mg/Kg		ND	ND	0.2	*	0.02
Heptachlor	0.000003	mg/Kg		ND	ND	4.7	*	0.47
Kepone	NA	mg/Kg		NA	NA	21	NA	2
Lindane	0.00001	mg/Kg		ND	ND	4.0	*	0.4
Methoxychlor	NA	mg/Kg		ND	ND	100	*	10
Mirex	0.00002	mg/Kg		ND	ND	21	*	2
Pentachlorophenol	0.8	mg/Kg		ND	ND	17	NA	1.7
PCBs (Arochlors)	NA	mg/Kg		ND	ND	50	*	5.0
Toxaphene	0.00024	mg/Kg		ND	ND	5	*	0.5
Trichloroethene	0.0253	mg/Kg		ND	ND	2040	*	204
2,4,5-TP	4.4	mg/Kg		ND	ND	10	*	1

On the basis of these analyses, I certify that this dried sludge is non-hazardous as defined by California Code, Title 22, Section 66699.


Steve Meyer, Wastewater Laboratory Senior Chemist

- TTLIC = Total Threshold Limit Concentration.
- STLC = Soluble Threshold Limit Concentration.
- W.E.T. = Waste Extraction Technique.
- * = The total concentration is less than 10 times the STLC. Therefore by definition, this substance is present in concentrations that are less than the limits for hazardous wastes.
- ** = Limits are in mg/Kg (dry weight) based on 40 CFR part 503.13 Table 3 "Limits for Land Application".
- *** = The California State Health and Safety Code 25157.8 established lower a limit for Lead.
- NA = Not Analyzed, ND= Not Detected, NS= Not Sampled, NR= Not Required
- MDL = Method Detection Limit (are in mg/Kg per dry weight; except for pH and Total and Volatile Solids)
- MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.
- TTLIC = Total Threshold Limit Concentration.

Enclosure 7. Results of other analyses of dewatered biosolids for 2006.

Tables showing the analyses for metals (including priority pollutants), pH, total and volatile solids, pesticides & PCBs, and organic priority pollutant compounds of sewage biosolids samples taken in 2005.

POINT LOMA WASTEWATER TREATMENT PLANT
METRO BIOSOLIDS CENTER
ANNUAL DEWATERED SLUDGE COMPOSITES
Trace Metals

From: 01-JAN-2006 to: 31-DEC-2006

Source:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Date:		31-JAN-2006	28-FEB-2006	31-MAR-2006	30-APR-2006	31-MAY-2006	30-JUN-2006
Sample ID:	MDL Units	P329983	P333025	P336177	P340221	P343565	P346984
pH	.08 PH	7.97	7.96	8.01	8.22	7.96	7.77
Total Solids	WT%	28.2	29.1	28.4	28.9	27.9	29.8
Total Volatile Solids	WT%	56.8	58.7	57.6	57.5	57.6	57.9
Total Kjeldahl Nitrogen	.04 WT%	NA	4.51	NA	NA	4.49	NA
Total Nitrogen	1.1 WT%	4.52	4.92	4.30	4.48	4.92	4.50
Sulfides-Total	2170 MG/KG	16900	15700	17400	17300	12400	11700
Sulfides-Reactive	11 MG/KG	13	ND	<11	ND	30	<11
Cyanides, Total	.1 MG/KG	NA	1.15	NA	NA	1.39	NA
Aluminum	1.32 MG/KG	8110	7650	8990	8630	8270	8480
Antimony	.451 MG/KG	4.5	4.0	4.4	4.4	4.3	4.4
Arsenic	.68 MG/KG	3.93	4.16	4.42	4.80	3.44	3.21
Barium	.0063 MG/KG	410	179	605	355	490	409
Beryllium	.0039 MG/KG	0.02	<0.00	0.02	0.11	0.15	0.68
Cadmium	.018 MG/KG	1.8	1.6	3.6	2.3	2.1	2.1
Chromium	.0831 MG/KG	41	49	52	52	45	50
Cobalt	.083 MG/KG	1.7	1.7	1.9	2.5	2.4	4.0
Copper	.055 MG/KG	671	670	725	573	646	701
Iron	2 MG/KG	95000	88900	90600	79900	91700	85500
Lead	.604 MG/KG	22	20	26	29	25	25
Manganese	.012 MG/KG	289	266	296	320	332	323
Mercury	.4 MG/KG	1.36	1.37	1.35	1.67	1.33	1.33
Molybdenum	.143 MG/KG	16	16	19	31	19	18
Nickel	.063 MG/KG	31	32	30	34	33	49
Selenium	.47 MG/KG	5.02	4.30	4.60	5.18	5.46	4.07
Silver	.06 MG/KG	16	17	18	22	27	34
Thallium	.771 MG/KG	ND	ND	ND	ND	ND	ND
Vanadium	.064 MG/KG	149	101	97	67	72	69
Zinc	.12 MG/KG	786	786	1050	1250	1130	1060

Source:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Date:		31-JUL-2006	31-AUG-2006	30-SEP-2006	31-OCT-2006	30-NOV-2006	31-DEC-2006
Sample ID:	MDL Units	P351414	P354950	P358116	P361408	P364927	P368380
pH	.08 PH	7.93	7.88	7.83	7.73	7.89	8.00
Total Solids	WT%	28.7	27.9	27.9	28.5	27.6	28.2
Total Volatile Solids	WT%	57.9	56.9	56.8	57.1	55.0	55.8
Total Kjeldahl Nitrogen	.04 WT%	NA	4.40	NA	NA	4.41	NA
Total Nitrogen	1.1 WT%	4.47	3.89	4.52	5.86	4.49	4.51
Sulfides-Total	2170 MG/KG	10500	15700	15600	15300	16300	14300
Sulfides-Reactive	11 MG/KG	ND	15	13	11	ND	ND
Cyanides, Total	.1 MG/KG	NA	1.48	NA	1.43	NA	NA
Aluminum	1.32 MG/KG	8680	7910	7690	7550	7650	7310
Antimony	.451 MG/KG	3.9	4.5	3.8	4.7	4.8	5.9
Arsenic	.68 MG/KG	2.71	2.31	2.82	3.78	3.09	2.18
Barium	.0063 MG/KG	343	336	329	180	404	455
Beryllium	.0039 MG/KG	0.59	0.38	0.25	0.29	0.30	0.33
Cadmium	.018 MG/KG	2.1	2.1	2.6	1.9	1.9	1.8
Chromium	.0831 MG/KG	62	75	76	84	93	73
Cobalt	.083 MG/KG	3.9	3.2	4.6	5.3	4.4	3.2
Copper	.055 MG/KG	744	756	718	809	733	650
Iron	2 MG/KG	82700	88000	87000	102000	110000	105000
Lead	.604 MG/KG	27	25	27	28	24	21
Manganese	.012 MG/KG	342	337	322	350	367	347
Mercury	.4 MG/KG	1.50	1.77	1.60	1.41	1.30	1.34
Molybdenum	.143 MG/KG	20	20	20	21	19	14
Nickel	.063 MG/KG	59	68	88	101	102	60
Selenium	.47 MG/KG	5.67	5.48	5.27	4.52	3.84	4.36
Silver	.06 MG/KG	23	17	20	19	31	26
Thallium	.771 MG/KG	ND	ND	ND	ND	ND	ND
Vanadium	.064 MG/KG	48	32	25	26	35	61
Zinc	.12 MG/KG	1090	923	918	1080	1020	896

ND= Not Detected
NA= Not Analyzed
NS= Not Sampled
NR= Not Required

MBCDEWCN= Metro Biosolids Center Dewatered Centrifuged Sludge.

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project
 Total Nitrogen Analysis

From 01-JAN-2006 to 31-DEC-2006

Date:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL Units	31-JAN-2006	28-FEB-2006	31-MAR-2006	30-APR-2006	31-MAY-2006	30-JUN-2006	31-JUL-2006
		P329983	P333025	P336177	P340221	P343565	P346984	P351414
Total Nitrogen 1.1 WT%		4.5	4.9	4.3	4.5	4.9	4.5	4.5

Date:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL Units	31-AUG-2006	30-SEP-2006	31-OCT-2006	30-NOV-2006	31-DEC-2006
		P354950	P358116	P361408	P364927	P368380
Total Nitrogen 1.1 WT%		3.9	4.5	5.9	4.5	4.5

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE PROJECT
 Radioactivity

From: 01-JAN-2006 to: 31-DEC-2006

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
PLE	07-FEB-2006	P328031	0.7±1.3	38.3±5.2
PLE	09-MAY-2006	P337899	1.5±1.2	16.3±3.4
PLE	08-AUG-2006	P348595	1.5±1.0	13.3±3.6
PLE	03-OCT-2006	P355688	0.2±0.7	13.4±3.8
PLE	ANNUAL	AVERAGE	1.0±1.1	20.3±4.0
PLR	07-FEB-2006	P328036	2.0±1.6	10.6±3.0
PLR	09-MAY-2006	P337904	5.6±1.5	13.6±3.3
PLR	08-AUG-2006	P348600	2.7±1.7	20.6±4.1
PLR	03-OCT-2006	P355693	1.2±1.5	14.5±3.9
PLR	ANNUAL	AVERAGE	2.9±1.6	14.8±3.5
MBC_COMBCN	07-FEB-2006	P328046	4.3±2.0	22.7±3.5
MBC_COMBCN	09-MAY-2006	P337914	6.8±2.2	22.9±4.5
MBC_COMBCN	08-AUG-2006	P348610	3.8±2.7	5.2±4.3
MBC_COMBCN	03-OCT-2006	P355703	0.8±1.8	21.2±5.2
MBC_COMBCN	ANNUAL	AVERAGE	3.9±2.2	18.0±4.4

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
MBCDEWCN	28-FEB-2006	P333025	5940±2770	2190±1590
MBCDEWCN	31-MAY-2006	P343565	4340±1465	1100±1020
MBCDEWCN	31-AUG-2006	P354950	5220±2555	3440±1610
MBCDEWCN	31-OCT-2006	P361408	3790±2360	1760±1430
AVERAGE			4823±2288	2123±1413

Units in picocuries per Liter (pCi/L)

ND= Not Detected
 NA= Not Analyzed
 NS= Not Sampled
 NR= Not Required

MBC_COMBCN = Combined Sludge Centrate
 MBC_NC_DSL = Combined North City Digested Sludge Line
 MBC_NC_RSL = Combined North City Raw Sludge Line

MBCDEWCN = Metro Biosolids Center Dewatered Centrifuged Sludge.

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2006 P329983	28-FEB-2006 P333025	31-MAR-2006 P336177	30-APR-2006 P340221	31-MAY-2006 P343565
Aldrin	71000	NG/KG	ND	ND	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	28000	NG/KG	35500	ND	ND	ND	32000
p,p-DDT	35000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	28000	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	37500	ND	ND	ND	ND
Gamma (trans) Chlordane	48000	NG/KG	64000	63500	ND	ND	73500
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	23500	37500	ND	ND	ND
Cis Nonachlor	52000	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0	0	0
DDT and derivatives	71000	NG/KG	35500	0	0	0	32000
Chlordane + related cmpds.	48000	NG/KG	101500	63500	0	0	73500
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	160500	101000	0	0	105500

nd= not detected
NA= not analyzed
NS= not sampled

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			30-JUN-2006 P346984	31-JUL-2006 P351414	31-AUG-2006 P354950	30-SEP-2006 P358116	31-OCT-2006 P361408
Aldrin	71000	NG/KG	ND	ND	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND	ND	ND
p,p-DDE	28000	NG/KG	35000	32000	40000	37500	ND
p,p-DDT	35000	NG/KG	ND	ND	ND	ND	ND
o,p-DDD	28000	NG/KG	ND	ND	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	36000	ND	ND	ND	ND
Gamma (trans) Chlordane	48000	NG/KG	ND	ND	ND	62500	ND
Alpha Chlordene		NG/KG	NA	NA	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND	ND	ND
Trans Nonachlor	18000	NG/KG	ND	ND	ND	ND	ND
Cis Nonachlor	52000	NG/KG	ND	ND	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0	0	0
DDT and derivatives	71000	NG/KG	35000	32000	40000	37500	0
Chlordane + related cmpds.	48000	NG/KG	36000	0	0	62500	0
Polychlorinated biphenyls	580000	NG/KG	0	0	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	71000	32000	40000	100000	0

nd= not detected
NA= not analyzed
NS= not sampled

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE - Chlorinated Pesticide Analysis
From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	Annual Average
			30-NOV-2006 P364927	31-DEC-2006 P368380	
Aldrin	71000	NG/KG	ND	ND	ND
Dieldrin	35000	NG/KG	ND	ND	ND
BHC, Alpha isomer	28000	NG/KG	ND	ND	ND
BHC, Beta isomer	32000	NG/KG	ND	ND	ND
BHC, Gamma isomer	18000	NG/KG	ND	ND	ND
BHC, Delta isomer	28000	NG/KG	ND	ND	ND
p,p-DDD	18000	NG/KG	ND	ND	ND
p,p-DDE	28000	NG/KG	<28000	<28000	17667
p,p-DDT	35000	NG/KG	ND	ND	ND
o,p-DDD	28000	NG/KG	ND	ND	ND
o,p-DDE	52000	NG/KG	ND	ND	ND
o,p-DDT	71000	NG/KG	ND	ND	ND
Heptachlor	16000	NG/KG	ND	ND	ND
Heptachlor epoxide	28000	NG/KG	ND	ND	ND
Alpha (cis) Chlordane	13000	NG/KG	ND	14000	7292
Gamma (trans) Chlordane	48000	NG/KG	<48000	130000	32792
Alpha Chlordene		NG/KG	NA	NA	NA
Gamma Chlordene		NG/KG	NA	NA	NA
Oxychlordane	28000	NG/KG	ND	ND	ND
Trans Nonachlor	18000	NG/KG	39500	ND	8375
Cis Nonachlor	52000	NG/KG	ND	ND	ND
Alpha Endosulfan	18000	NG/KG	ND	ND	ND
Beta Endosulfan	28000	NG/KG	ND	ND	ND
Endosulfan Sulfate	45000	NG/KG	ND	ND	ND
Endrin aldehyde	52000	NG/KG	ND	ND	ND
Toxaphene	130000	NG/KG	ND	ND	ND
Mirex	18000	NG/KG	ND	ND	ND
Methoxychlor	71000	NG/KG	ND	ND	ND
PCB 1016	260000	NG/KG	ND	ND	ND
PCB 1221	580000	NG/KG	ND	ND	ND
PCB 1232	220000	NG/KG	ND	ND	ND
PCB 1242		NG/KG	ND	ND	ND
PCB 1248	310000	NG/KG	ND	ND	ND
PCB 1254	130000	NG/KG	ND	ND	ND
PCB 1260	86000	NG/KG	ND	ND	ND
PCB 1262		NG/KG	ND	ND	ND
Aldrin + Dieldrin	71000	NG/KG	0	0	0
Hexachlorocyclohexanes	32000	NG/KG	0	0	0
DDT and derivatives	71000	NG/KG	0	0	17667
Chlordane + related cmpds.	48000	NG/KG	0	144000	40083
Polychlorinated biphenyls	580000	NG/KG	0	0	0
Chlorinated Hydrocarbons	580000	NG/KG	39500	144000	66125

nd= not detected
NA= not analyzed
NS= not sampled

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

POINT LOMA WASTEWATER TREATMENT PLANT
 From 01-JAN-2006 To 31-DEC-2006
 ANNUAL SLUDGE PROJECT
 Tributyl Tin (Sludge)

		MBCDEWCN	MBCDEWCN
		31-MAY-2006	31-OCT-2006
		P343565	P361408
=====	=====	=====	=====
Monobutyl Tin	4000 UG/KG	ND	ND
Tributyl tin	2600 UG/KG	ND	ND

nd= not detected
 NA= not analyzed
 NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project
 Herbicide Analysis
 From 01-JAN-2006 To 31-DEC-2006
 Sampling: AM Analysis: KD

Date:		MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
Sample:	MDL Units	28-FEB-2006	31-MAY-2006	31-AUG-2006	31-OCT-2006
		P333025	P343565	P354950	P361408
2,4-dichlorophenoxyacetic acid	6.84 MG/KG	ND	ND	ND	ND
2,4,5-TP (Silvex)	6.33 MG/KG	ND	ND	ND	ND

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus Pesticides EPA Method 614/622 (with additions)

From 01-JAN-2006 To 31-DEC-2006

Sampling: AM

Analysis: TB

Analyte	MDL Units	PLE	PLE	PLR	PLR	MBC_COMBCN
		09-MAY-2006 P337899	03-OCT-2006 P355688	09-MAY-2006 P337904	03-OCT-2006 P355693	09-MAY-2006 P337914
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	0.2	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.2	0.0	0.0
Tetraethylpyrophosphate	UG/L	NA	NA	NA	NA	NA
Dichlorvos	.05 UG/L	ND	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Monocrotophos	UG/L	NA	NA	NA	NA	NA
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus Pesticides EPA Method 614/622 (with additions)

From 01-JAN-2006 To 31-DEC-2006

Sampling: AM

Analysis: TB

Analyte	MDL Units	MBC_COMBCN	MBC_NC_DSL	MBC_NC_DSL	MBC_NC_RSL	MBC_NC_RSL
		03-OCT-2006 P355703	09-MAY-2006 P337969	03-OCT-2006 P355758	09-MAY-2006 P337967	03-OCT-2006 P355756
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0	0.0
Tetraethylpyrophosphate	UG/L	NA	NA	NA	NA	NA
Dichlorvos	.05 UG/L	ND	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Monocrotophos	UG/L	NA	NA	NA	NA	NA
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus Pesticides EPA Method 614/622 (with additions)

From 01-JAN-2006 To 31-DEC-2006

Sampling: AM

Analysis: TB

Analyte	MDL Units	RAW COMP	RAW COMP	DIG COMP	DIG COMP
		09-MAY-2006 P337939	03-OCT-2006 P355728	09-MAY-2006 P337953	03-OCT-2006 P355742
Demeton O	.15 UG/L	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND
Malathion	.03 UG/L	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.0	0.0	0.0	0.0
Tetraethylpyrophosphate	UG/L	NA	NA	NA	NA
Dichlorvos	.05 UG/L	ND	ND	ND	ND
Dibrom	.2 UG/L	ND	ND	ND	ND
Ethoprop	.04 UG/L	ND	ND	ND	ND
Phorate	.04 UG/L	ND	ND	ND	ND
Sulfotepp	.04 UG/L	ND	ND	ND	ND
Disulfoton	.02 UG/L	ND	ND	ND	ND
Monocrotophos	UG/L	NA	NA	NA	NA
Dimethoate	.04 UG/L	ND	ND	ND	ND
Ronnel	.03 UG/L	ND	ND	ND	ND
Trichloronate	.04 UG/L	ND	ND	ND	ND
Merphos	.09 UG/L	ND	ND	ND	ND
Dichlofenthion	.03 UG/L	ND	ND	ND	ND
Tokuthion	.06 UG/L	ND	ND	ND	ND
Stirophos	.03 UG/L	ND	ND	ND	ND
Bolstar	.07 UG/L	ND	ND	ND	ND
Fensulfothion	.07 UG/L	ND	ND	ND	ND
EPN	.09 UG/L	ND	ND	ND	ND
Coumaphos	.15 UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	ND	ND	ND	ND
Mevinphos, z isomer	.3 UG/L	ND	ND	ND	ND
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
 Quarterly Sludge Project - Organophosphorus Pesticides EPA Method 614/622 (with additions)

From 01-JAN-2006 To 31-DEC-2006
 Sampling: AM
 Analysis: TB

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2006 P343565	31-OCT-2006 P361408
Demeton O	67	UG/KG	ND	ND
Demeton S	27	UG/KG	ND	ND
Diazinon		UG/KG	ND	ND
Guthion	33	UG/KG	ND	ND
Malathion	20	UG/KG	ND	ND
Parathion	20	UG/KG	ND	ND
Tetraethylpyrophosphate		UG/KG	NA	ND
Dichlorvos	17	UG/KG	ND	ND
Dibrom		UG/KG	ND	ND
Ethoprop	27	UG/KG	ND	ND
Phorate	17	UG/KG	ND	ND
Sulfotepp	17	UG/KG	ND	ND
Disulfoton	20	UG/KG	ND	ND
Monocrotophos		UG/KG	NA	ND
Dimethoate	27	UG/KG	ND	ND
Ronnel	20	UG/KG	ND	ND
Trichloronate	20	UG/KG	ND	ND
Merphos	17	UG/KG	ND	ND
Dichlofenthion	20	UG/KG	ND	ND
Tokuthion	17	UG/KG	ND	ND
Stirophos	20	UG/KG	ND	ND
Bolstar	50	UG/KG	ND	ND
Fensulfothion	100	UG/KG	ND	ND
EPN	33	UG/KG	ND	ND
Coumaphos	33	UG/KG	ND	ND
Mevinphos, e isomer	17	UG/KG	ND	ND
Mevinphos, z isomer	100	UG/KG	ND	ND
Chlorpyrifos		UG/KG	ND	ND
Thiophosphorus Pesticides	33	UG/KG	0.0	0.0
Demeton -O, -S	67	UG/KG	0.0	0.0
Total Organophosphorus Pesticides	100	UG/KG	0.0	0.0

nd=not detected; NS=not sampled; NA=not analyzed

POINT LOMA WASTEWATER TREATMENT PLANT
 From 01-JAN-2006 to 31-DEC-2006
 ANNUAL SLUDGE
 Base/Neutrals

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			28-FEB-2006 P333025	31-MAY-2006 P343565	31-AUG-2006 P354950	31-OCT-2006 P361408
bis(2-chloroethyl) ether	330	UG/KG	ND	ND	ND	ND
1,3-dichlorobenzene	330	UG/KG	ND	ND	ND	ND
1,4-dichlorobenzene	330	UG/KG	ND	ND	764	460
1,2-dichlorobenzene	330	UG/KG	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	330	UG/KG	ND	ND	ND	ND
N-nitrosodi-n-propylamine	330	UG/KG	ND	ND	ND	ND
Nitrobenzene	330	UG/KG	ND	ND	ND	ND
Hexachloroethane	330	UG/KG	ND	ND	ND	ND
Isophorone	330	UG/KG	ND	ND	ND	ND
bis(2-chloroethoxy)methane	330	UG/KG	ND	ND	ND	ND
1,2,4-trichlorobenzene	330	UG/KG	ND	ND	ND	ND
Naphthalene	330	UG/KG	ND	ND	448	ND
Hexachlorobutadiene	330	UG/KG	ND	ND	ND	ND
Hexachlorocyclopentadiene	330	UG/KG	ND	ND	ND	ND
2-chloronaphthalene		UG/KG	ND	ND	ND	ND
Acenaphthylene	330	UG/KG	ND	ND	ND	ND
Dimethyl phthalate	330	UG/KG	ND	ND	ND	ND
2,6-dinitrotoluene	330	UG/KG	ND	ND	ND	ND
Acenaphthene	330	UG/KG	ND	ND	ND	ND
2,4-dinitrotoluene	330	UG/KG	ND	ND	ND	ND
Fluorene	330	UG/KG	ND	ND	ND	ND
4-chlorophenyl phenyl ether	330	UG/KG	ND	ND	ND	ND
Diethyl phthalate	330	UG/KG	ND	ND	ND	ND
N-nitrosodiphenylamine	330	UG/KG	ND	ND	ND	ND
4-bromophenyl phenyl ether	330	UG/KG	ND	ND	ND	ND
Hexachlorobenzene	330	UG/KG	ND	ND	ND	ND
Phenanthrene	330	UG/KG	ND	ND	659	ND
Anthracene	330	UG/KG	ND	ND	ND	ND
Di-n-butyl phthalate	330	UG/KG	ND	ND	ND	ND
N-nitrosodimethylamine	330	UG/KG	ND	ND	ND	ND
Fluoranthene	330	UG/KG	ND	ND	ND	ND
Pyrene	330	UG/KG	ND	ND	446	ND
Butyl benzyl phthalate	330	UG/KG	3000	ND	4410	ND
Chrysene	330	UG/KG	ND	ND	ND	ND
Benzo[A]anthracene	330	UG/KG	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	330	UG/KG	87800	*	112000	116000
Di-n-octyl phthalate	330	UG/KG	ND	ND	ND	ND
Benzo[K]fluoranthene	330	UG/KG	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	330	UG/KG	ND	ND	ND	ND
Benzo[A]pyrene	330	UG/KG	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	330	UG/KG	ND	ND	ND	ND
Dibenzo(A,H)anthracene	330	UG/KG	ND	ND	ND	ND
Benzo[G,H,I]perylene	330	UG/KG	ND	ND	ND	ND
1,2-diphenylhydrazine		UG/KG	ND	ND	ND	ND
=====						
PolyNuc. Aromatic Hydrocarbons	330	UG/KG	0	0	1105	0
Dichlorobenzenes	330	UG/KG	0	0	764	460
=====						
Base/Neutral Compounds	330	UG/KG	90800	0	118727	116460

Additional analytes determined;

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			28-FEB-2006	31-MAY-2006	31-AUG-2006	31-OCT-2006
			P333025	P343565	P354950	P361408
1-methylnaphthalene		UG/KG	ND	ND	ND	1780
2-methylnaphthalene		UG/KG	1320	ND	850	2830
2,6-dimethylnaphthalene		UG/KG	ND	ND	ND	2030
2,3,5-trimethylnaphthalene		UG/KG	200	ND	ND	ND
1-methylphenanthrene		UG/KG	ND	ND	ND	ND
Benzo[e]pyrene		UG/KG	ND	ND	ND	ND
Perylene	330	UG/KG	ND	ND	ND	ND
Biphenyl		UG/KG	ND	ND	ND	ND
Pyridine		UG/KG	ND	ND	ND	ND

nd= not detected

NA= not analyzed

NS= not sampled

*= Not reportable; Detectable concentration of Bis-(2-ethylhexyl) phthalate in method blank. Solvent contamination was confirmed and use of Fisher lot #060602 was discontinued.

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE
Phenolics

From 01-JAN-2006 to 31-DEC-2006

Analyte	MDL Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	Average 800 UG/KG
		28-FEB-2006 P333025	31-MAY-2006 P343565	31-AUG-2006 P354950	31-OCT-2006 P361408	
2,4,6-trichlorophenol	330 UG/KG	ND	ND	ND	ND	ND
2,4-dichlorophenol	330 UG/KG	ND	ND	ND	ND	ND
2,4-dimethylphenol	330 UG/KG	ND	ND	ND	ND	ND
2,4-dinitrophenol	330 UG/KG	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	800 UG/KG	ND	ND	ND	ND	ND
2-chlorophenol	330 UG/KG	ND	ND	ND	ND	ND
2-nitrophenol	330 UG/KG	ND	ND	ND	ND	ND
4-chloro-3-methylphenol	330 UG/KG	ND	ND	ND	ND	ND
4-nitrophenol	800 UG/KG	ND	ND	ND	ND	ND
Pentachlorophenol	800 UG/KG	ND	ND	ND	ND	ND
Phenol	330 UG/KG	94100	155000	97400	162000	127125
Additional analytes determined;						
2-methylphenol	330 UG/KG	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	330 UG/KG	ND	ND	ND	ND	ND
4-methylphenol(3-MP is unresolved)	330 UG/KG	6100	9290	6040	9800	7808
2,4,5-trichlorophenol	800 UG/KG	ND	ND	ND	ND	ND
Total Non-Chlorinated Phenols	800 UG/KG	100200	164290	103440	171800	134933
Total Chlorinated Phenols	800 UG/KG	0	0	0	0	0
Phenols	800 UG/KG	100200	164290	103440	171800	134933
Phenols average	800 UG/KG	8555	14091	8855	14727	11557

nd= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

From 01-JAN-2006 to 31-DEC-2006

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
			31-JAN-2006 P329983	28-FEB-2006 P333025	31-MAR-2006 P336177	30-APR-2006 P340221	31-MAY-2006 P343565	30-JUN-2006 P346984
Chloromethane	25.8	UG/KG	ND	ND	ND	ND	ND	ND
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND	ND
Carbon disulfide	34	UG/KG	ND	90	236	133	161	175
Acetone	185	UG/KG	*	4560	4120	5370	6330	6920
Methylene chloride	62.5	UG/KG	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND	ND
2-butanone		UG/KG	2130	6120	2350	5920	5660	6300
Chloroform	25.6	UG/KG	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	<48	ND	ND	ND	ND
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND	ND	ND	ND	ND
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND	ND	ND	ND	ND
1,3-dichlorobenzene	16.1	UG/KG	ND	<16	ND	ND	ND	ND
1,4-dichlorobenzene		UG/KG	ND	412	502	256	410	282
1,2-dichlorobenzene	28.7	UG/KG	ND	<29	ND	ND	ND	ND
Purgeable Compounds	275	UG/KG	2130	10770	6706	11423	12151	13395

Additional analytes determined;

Analyte	MDL	Units	31-JAN-2006	28-FEB-2006	31-MAR-2006	30-APR-2006	31-MAY-2006	30-JUN-2006
Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND	ND
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND	ND
Dibromofluoromethane		UG/KG	257	787	923	861	990	859
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	ND	69	134	<35	74	66
ortho-xylene	23	UG/KG	ND	35	69	ND	38	32
Isopropylbenzene	17	UG/KG	ND	<17	32	ND	ND	ND
Styrene	19	UG/KG	ND	ND	<19	ND	ND	ND
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	20	ND	ND	ND	ND

nd= not detected
NA= not analyzed
NS= not sampled

* Not reportable. This analyte was detected in the Blank.

POINT LOMA WASTEWATER TREATMENT PLANT
ANNUAL SLUDGE Purgeables

From 01-JAN-2006 to 31-DEC-2006

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	Average
			31-AUG-2006 P354950	30-SEP-2006 P358116	30-NOV-2006 P364927	31-DEC-2006 P368380	
Chloromethane	25.8	UG/KG	ND	ND	ND	<26	0
Vinyl chloride	26.2	UG/KG	ND	ND	ND	ND	ND
Bromomethane	29.2	UG/KG	ND	ND	ND	ND	ND
Chloroethane	61	UG/KG	ND	ND	ND	ND	ND
Trichlorofluoromethane	28	UG/KG	ND	ND	ND	ND	ND
1,1-dichloroethene	25.1	UG/KG	ND	ND	ND	ND	ND
Carbon disulfide	34	UG/KG	80	152	109	107	124
Acetone	185	UG/KG	6800	8110	5880	4230	5813
Methylene chloride	62.5	UG/KG	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	24.9	UG/KG	ND	ND	ND	ND	ND
1,1-dichloroethane	25.7	UG/KG	ND	ND	ND	ND	ND
2-butanone		UG/KG	6230	4120	2350	4330	4551
Chloroform	25.6	UG/KG	ND	ND	ND	ND	ND
1,1,1-trichloroethane	27.4	UG/KG	ND	ND	ND	ND	ND
Carbon tetrachloride	15.6	UG/KG	ND	ND	ND	ND	ND
Benzene	26.5	UG/KG	ND	ND	ND	ND	ND
1,2-dichloroethane	20.5	UG/KG	ND	ND	ND	ND	ND
Trichloroethene	25.3	UG/KG	ND	ND	ND	ND	ND
1,2-dichloropropane	25.5	UG/KG	ND	ND	ND	ND	ND
Bromodichloromethane	17	UG/KG	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	53.6	UG/KG	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	21.5	UG/KG	ND	ND	ND	ND	ND
Toluene	48	UG/KG	ND	ND	ND	ND	0
trans-1,3-dichloropropene	17	UG/KG	ND	ND	ND	ND	ND
1,1,2-trichloroethane	35.1	UG/KG	ND	ND	ND	ND	ND
Tetrachloroethene	21.5	UG/KG	ND	ND	ND	ND	ND
Dibromochloromethane	24.2	UG/KG	ND	ND	ND	ND	ND
Chlorobenzene	31.1	UG/KG	ND	ND	ND	ND	ND
Ethylbenzene	90.5	UG/KG	ND	ND	ND	ND	ND
Bromoform	26.1	UG/KG	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	64	UG/KG	ND	ND	ND	ND	ND
1,3-dichlorobenzene	16.1	UG/KG	ND	ND	ND	ND	0
1,4-dichlorobenzene		UG/KG	158	185	196	176	258
1,2-dichlorobenzene	28.7	UG/KG	ND	ND	ND	ND	0
Purgeable Compounds	275	UG/KG	13110	12382	8339	8667	9907

Additional analytes determined;

Acrolein	70.9	UG/KG	ND	ND	ND	ND	ND
Methyl Iodide	19	UG/KG	ND	ND	ND	ND	ND
Allyl chloride	25	UG/KG	ND	ND	ND	ND	ND
Methyl tert-butyl ether	34	UG/KG	ND	ND	ND	ND	ND
Acrylonitrile	275	UG/KG	ND	ND	ND	ND	ND
Chloroprene	17	UG/KG	ND	ND	ND	ND	ND
Dibromofluoromethane		UG/KG	907	1070	991	967	861
Methyl methacrylate	36	UG/KG	ND	ND	ND	ND	ND
2-nitropropane		UG/KG	ND	ND	ND	ND	ND
4-methyl-2-pentanone	24	UG/KG	ND	ND	ND	ND	ND
1,2-dibromoethane	17	UG/KG	ND	ND	ND	ND	ND
meta,para xylenes	35	UG/KG	ND	42	40	ND	43
ortho-xylene	23	UG/KG	ND	ND	ND	ND	17
Isopropylbenzene	17	UG/KG	ND	ND	ND	ND	3
Styrene	19	UG/KG	ND	ND	ND	ND	0
Benzyl chloride	38	UG/KG	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	17	UG/KG	ND	ND	ND	ND	2

NOTE: Quality control for this sample did not meet quality control acceptance criteria, for the month of July 2006.

nd= not detected
NA= not analyzed
NS= not sampled

POINT LOMA WASTEWATER TREATMENT PLANT
 QUARTERLY SLUDGE - Dioxins analysis
 From 01-JAN-2006to 31-DEC-2006

Analyte	MDL	Units	MBCDEWCN	MBCDEWCN
			31-MAY-2006	31-OCT-2006
			P343565	P361408
2,3,7,8-tetra CDD	1.2	NG/KG	ND	ND
1,2,3,7,8-penta CDD	23	NG/KG	ND	ND
1,2,3,4,7,8_hexa_CDD	2.9	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDD		NG/KG	23	24
1,2,3,7,8,9-hexa CDD	6.6	NG/KG	E7	ND
1,2,3,4,6,7,8-hepta CDD		NG/KG	240	300
octa CDD		NG/KG	1400	2350
2,3,7,8-tetra CDF		NG/KG	E2	4
1,2,3,7,8-penta CDF	2	NG/KG	ND	ND
2,3,4,7,8-penta CDF	2	NG/KG	ND	ND
1,2,3,4,7,8-hexa CDF	2.5	NG/KG	ND	ND
1,2,3,6,7,8-hexa CDF	2.4	NG/KG	ND	ND
1,2,3,7,8,9-hexa CDF	2.9	NG/KG	ND	ND
2,3,4,6,7,8-hexa CDF	2.6	NG/KG	ND	ND
1,2,3,4,6,7,8-hepta CDF		NG/KG	E28	53
1,2,3,4,7,8,9-hepta CDF	4.9	NG/KG	ND	ND
octa CDF		NG/KG	83	190

nd=not detected; NS=not sampled; NA=not analyzed

E=estimated value

Enclosure 8 Summary Tables for Title 22 analyses of dewatered biosolids for 2006.

Title 22 CCR Summary Tables

Concentrations of Title 22 analytes (metals and organics) both on a wet weight and dry weight concentration basis for monthly composite of daily samples of sludge being hauled from the Metro Biosolids Center.

The tables list the TTLC (Total Threshold Limit Concentration) or STLC (Soluble Threshold Limit Concentration) limits in the left column for each analyte.

Definitions:

MBCDEWCN = Metro Biosolids Center dewatered sludge.

2006 POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL REPORT

CALIFORNIA HAZARDOUS WASTE IDENTIFICATION TEST (TITLE 22)

METRO BIOSOLIDS CENTER (MBC)

METALS

WET WEIGHT Concentration (calculated)

ANALYTE	TTLc Wet wt mg/Kg	WET WEIGHT Concentration (calculated)											
		MBCDEWCN Jan-06	MBCDEWCN Feb-06	MBCDEWCN Mar-06	MBCDEWCN Apr-06	MBCDEWCN May-06	MBCDEWCN Jun-06	MBCDEWCN Jul-06	MBCDEWCN Aug-06	MBCDEWCN Sep-06	MBCDEWCN Oct-06	MBCDEWCN Nov-06	MBCDEWCN Dec-06
		P329983	P333025	P336177	P340221	P343565	P346984	P351414	P354950	P358116	P361408	P364927	P368380
ANTIMONY	500	1.27	1.17	1.26	1.28	1.19	1.30	1.11	1.26	1.06	1.35	1.32	1.66
ARSENIC	500	1.1	1.2	1.3	1.4	1.0	1.0	0.8	0.6	0.8	1.1	0.9	0.6
BARIUM	10000	116	52	172	103	137	122	98	94	92	51	112	128
BERYLLIUM	75	< 0.0	< 0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1
CADMIUM	100	0.5	0.5	1.0	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.5
CHROMIUM(VI)	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM(total)	2500	12	14	15	15	13	15	18	21	21	24	26	21
COBALT	8000	0.5	0.5	0.6	0.7	0.7	1.2	1.1	0.9	1.3	1.5	1.2	0.9
COPPER	2500	189	195	206	166	180	209	214	211	200	230	202	183
LEAD	1000	6	6	7	8	7	7	8	7	8	8	7	6
MERCURY	20	0.38	0.40	0.38	0.48	0.37	0.40	0.43	0.49	0.45	0.40	0.36	0.38
MOLYBDENUM	3500	4.6	4.6	5.4	9.0	5.2	5.2	5.8	5.6	5.6	6.0	5.4	4.0
NICKEL	2000	9	9	10	10	9	15	17	19	25	29	28	17
SELENIUM	100	1.4	1.3	1.3	1.5	1.5	1.2	1.6	1.5	1.5	1.3	1.1	1.2
SILVER	500	5	5	5	6	8	10	6	5	5	5	9	7
THALLIUM	700	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.23	< 0.22	< 0.22	< 0.22	< 0.22	< 0.21	< 0.22
VANADIUM	2400	42	29	27	19	20	20	14	9	7	7	10	17
ZINC	5000	222	229	298	361	315	314	313	258	256	307	280	253
FLUORIDE	18000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SULFIDES-REACTIVE	NA	4	< 3	< 3	< 3	< 3	< 3	< 3	4	4	3	< 3	< 3
SULFIDES-TOTAL	NA	4766	4554	4942	5000	4827	3472	3014	4366	4338	4345	4485	4019
TOTAL SOLIDS (%)		28.2	29.1	28.4	28.9	27.9	29.8	28.7	27.9	27.9	28.4	27.6	28.2

DRY WEIGHT Concentration

ANALYTE	TTLc Wet wt mg/Kg	DRY WEIGHT Concentration											
		MBCDEWCN Jan-06	MBCDEWCN Feb-06	MBCDEWCN Mar-06	MBCDEWCN Apr-06	MBCDEWCN May-06	MBCDEWCN Jun-06	MBCDEWCN Jul-06	MBCDEWCN Aug-06	MBCDEWCN Sep-06	MBCDEWCN Oct-06	MBCDEWCN Nov-06	MBCDEWCN Dec-06
		P329983	P333025	P336177	P340221	P343565	P346984	P351414	P354950	P358116	P361408	P364927	P368380
ANTIMONY	500	4.5	4.0	4.4	4.4	4.3	4.4	3.9	4.5	3.8	4.7	4.8	5.9
ARSENIC	500	3.9	4.2	4.4	4.8	3.4	3.2	2.7	2.3	2.8	3.8	3.1	2.2
BARIUM	10000	410	179	605	355	490	409	343	336	329	180	404	455
BERYLLIUM	75	< 0.004	< 0.0	0.02	0.1	0.1	0.675	0.59	0.38	0.25	0.29	0.3	0.33
CADMIUM	100	1.8	1.6	3.6	2.3	2.1	2.1	2.1	2.1	2.6	1.9	1.9	1.8
CHROMIUM(VI)	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM(total)	2500	40.8	49.1	51.9	51.6	45	50.2	61.6	75.4	75.9	83.7	93.1	73.1
COBALT	8000	1.7	1.7	1.94	2.5	2.4	4.0	3.9	3.2	4.6	5.3	4.4	3.2
COPPER	2500	671	670	725	573	646	701	744	756	717	809	733	650
LEAD	1000	22	20.2	25.6	28.9	24.6	25.1	26.5	24.7	27.1	27.8	23.8	21.1
MERCURY	20	1.4	1.4	1.4	1.7	1.3	1.3	1.5	1.8	1.6	1.41	1.3	1.3
MOLYBDENUM	3500	16.2	15.9	19	31.3	18.7	17.5	20.3	20.2	19.9	21.2	19.4	14.1
NICKEL	2000	30.5	31.7	30	34.3	32.6	49.3	58.8	68.4	88	101	102	59.6
SELENIUM	100	5.0	4.3	4.6	5.2	5.5	4.1	5.7	5.5	5.3	4.52	3.8	4.4
SILVER	500	16.2	16.5	17.8	22.4	27.3	34	22.6	17	19.5	18.6	31	26.2
THALLIUM	700	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771	< 0.771
VANADIUM	2400	148.5	101	96.5	67.3	71.9	68.6	47.9	32.2	24.5	25.7	35.1	60.8
ZINC	5000	786	786	1050	1250	1130	1055	1090	923	918	1080	1015	896
FLUORIDE	18000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SULFIDES-REACTIVE	NA	13	< 11	< 11	< 11	< 11.0	< 11	< 11	15	13	11.2	< 11	< 11
SULFIDES-TOTAL	NA	16900	15650	17400	17300	17300	11650	10500	15650	15550	15300	16250	14250

TTLc = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

NA = Not Analyzed, NS = Not Sampled

* = The total concentration is less than 10 times the the STLC, therefore by definition this substance is below hazardous concentrations.

ORGANICS

ANALYTE	TTLc Wet wt mg/Kg	WET WEIGHT Concentration (calculated)											
		MBCDEWCN Jan-06 P329983	MBCDEWCN Feb-06 P333025	MBCDEWCN Mar-06 P336177	MBCDEWCN Apr-06 P340221	MBCDEWCN May-06 P343565	MBCDEWCN Jun-06 P346984	MBCDEWCN Jul-06 P351414	MBCDEWCN Aug-06 P354950	MBCDEWCN Sep-06 P358116	MBCDEWCN Oct-06 P361408	MBCDEWCN Nov-06 P364927	MBCDEWCN Dec-06 P368380
ALDRIN	1.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLORDANE	2.5	0	0	nd	nd	0.021	0.011	nd	nd	0.017	nd	0.020	0.045
DDT,DDE,DDD	1.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,4-DCPAA	100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DIELDRIN	8.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ENDRIN	0.20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
HEPTACHLOR	4.7	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
KEPONE	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINDANE	4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
METHOXYCHLOR	100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
MIREX	21	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PENTACHLOROPHENOL	17	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PCBs (TOTAL)	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOXAPHENE	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROETHENE	2040	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,4,5-TCPPA	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOTAL SOLIDS (%)		28.2	29.1	28.4	28.9	27.9	29.8	28.7	27.9	27.9	28.4	27.6	28.2
pH	>2-<12.5	7.97	7.96	8.01	8.22	7.96	7.77	7.93	7.88	7.83	7.72	7.89	8

ANALYTE	TTLc Wet wt mg/Kg	DRY WEIGHT Concentration											
		MBCDEWCN Jan-06 P329983	MBCDEWCN Feb-06 P333025	MBCDEWCN Mar-06 P336177	MBCDEWCN Apr-06 P340221	MBCDEWCN May-06 P343565	MBCDEWCN Jun-06 P346984	MBCDEWCN Jul-06 P351414	MBCDEWCN Aug-06 P354950	MBCDEWCN Sep-06 P358116	MBCDEWCN Oct-06 P361408	MBCDEWCN Nov-06 P364927	MBCDEWCN Dec-06 P368380
ALDRIN	1.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLORDANE	2.5	0.102	0.064	nd	nd	0.074	0.036	nd	nd	0.063	nd	0.073	0.158
DDT,DDE,DDD	1.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,4-DCPAA	100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DIELDRIN	8.0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ENDRIN	0.20	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
HEPTACHLOR	4.7	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
KEPONE	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINDANE	4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
METHOXYCHLOR	100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
MIREX	21	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PENTACHLOROPHENOL	17	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PCBs (TOTAL)	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TOXAPHENE	5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROETHENE	2040	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2,4,5-TCPPA	10	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

TTLc = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

WASTE EXTRACTION TEST - METALS

ANALYTE	STLC	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
	Wet wt mg/L	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06
		P329983	P333025	P336177	P340221	P343565	P346984	P351414	P354950	P358116	P361408	P364927	P368380
ANTIMONY	15	*	*	*	*	*	*	*	*	*	*	*	*
ARSENIC	5.0	*	*	*	*	*	*	*	*	*	*	*	*
BARIUM	100	*	*	*	*	*	*	*	*	*	*	*	*
BERYLLIUM	0.75	*	*	*	*	*	*	*	*	*	*	*	*
CADMIUM	1.0	*	*	*	*	*	*	*	*	*	*	*	*
CHROMIUM(VI)	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHROMIUM(total)	560	*	*	*	*	*	*	*	*	*	*	*	*
COBALT	80	*	*	*	*	*	*	*	*	*	*	*	*
COPPER	25	*	*	*	*	*	*	*	*	*	*	*	*
LEAD	5.0	*	*	*	*	*	*	*	*	*	*	*	*
MERCURY	0.2	*	*	*	*	*	*	*	*	*	*	*	*
MOLYBDENUM	350	*	*	*	*	*	*	*	*	*	*	*	*
NICKEL	20	*	*	*	*	*	*	*	*	*	*	*	*
SELENIUM	1.0	*	*	*	*	*	*	*	*	*	*	*	*
SILVER	5.0	*	*	*	*	*	*	*	*	*	*	*	*
THALLIUM	7.0	*	*	*	*	*	*	*	*	*	*	*	*
VANADIUM	24	*	*	*	*	*	*	*	*	*	*	*	*
ZINC	250	*	*	*	*	*	*	*	*	*	*	*	*

* = Since the total concentrations are less than 10 times the the STLC, this substance is below STLC limits by definition.

WASTE EXTRACTION TEST - ORGANICS

ANALYTE	STLC	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN	MBCDEWCN
	Wet wt mg/L	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06
		P329983	P333025	P336177	P340221	P343565	P346984	P351414	P354950	P358116	P361408	P364927	P368380
ALDRIN	0.14	*	*	*	*	*	*	*	*	*	*	*	*
CHLORDANE	0.25	*	*	*	*	*	*	*	*	*	*	*	*
DDT,DDE,DDD	0.1	*	*	*	*	*	*	*	*	*	*	*	*
2,4-DCPAA	10	*	*	*	*	*	*	*	*	*	*	*	*
DIELDRIN	0.8	*	*	*	*	*	*	*	*	*	*	*	*
ENDRIN	0.02	*	*	*	*	*	*	*	*	*	*	*	*
HEPTACHLOR	0.47	*	*	*	*	*	*	*	*	*	*	*	*
KEPONE	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINDANE	0.4	*	*	*	*	*	*	*	*	*	*	*	*
METHOXYCHLOR	10	*	*	*	*	*	*	*	*	*	*	*	*
MIREX	2.1	*	*	*	*	*	*	*	*	*	*	*	*
PENTACHLOROPHENOL	1.7	*	*	*	*	*	*	*	*	*	*	*	*
PCBs (TOTAL)	5	*	*	*	*	*	*	*	*	*	*	*	*
TOXAPHENE	0.5	*	*	*	*	*	*	*	*	*	*	*	*
TRICHLOROETHENE	204	*	*	*	*	*	*	*	*	*	*	*	*
2,4,5-TCPPA	1	*	*	*	*	*	*	*	*	*	*	*	*

TTL = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

NA = Not Analyzed, NS = Not Sampled

* = Since the total concentrations are less than 10 times the the STLC, this substance is below STLC limits by definition.



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Water Quality Compliance Assurance Unit
1110 W. Washington Street, MO5415B-1
Phoenix, Arizona 85007
602-771-4612 (voicemail) 602-771-4505 (fax)

BIOSOLIDS OR SEWAGE SLUDGE ANNUAL REPORT FORM FOR REPORTING YEAR 2006

All Preparers (Generators) and Land Applicators Must Complete the Following:

1. General Information

Date: January 30, 2007

NPDES Permit # CA0107409

Company Name (Preparer/Applicator): City of San Diego

Contact Name: K.C. Shankles

Title: Superintendent, Metropolitan Biosolids Center (MBC)

Address: 5240 Convoy Street, San Diego, CA 92111

Phone: (858) 614-5832

Email: KShankles@sandiego.gov

CERTIFICATION: I certify, under penalty of law, that the information and descriptions, have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Signature:

Katherine Shankles

Title: Wastewater Treatment Superintendent

2. Who are you? (Check all that apply)

- Preparer. (A "Preparer is a Generator") The biosolids or sewage sludge prepared at this site are: (select all that apply)
[] Stored on Site
[] Beneficially used for Land Application
[] Sold/given to composting operation, a sludge drying operation or to another WWTP for further treatment.
[] Disposed of in a biosolids only surface disposal site, monofill, designated sludge only area
[] Disposed of in a solid waste landfill - do biosolids go directly into the landfill? Yes
[] Sent out of state for incineration, landfilling, land application or surface disposal, composting or sludge drying
[] Applicator of biosolids to the land.
[] Owner or Operator of a surface disposal site including wastewater treatment plants with surface disposal (final disposal) site for sludge.

3 Final Disposition of Biosolids

Preparers – wastewater treatment facilities, composting operations and Biosolids processing operations. Complete Parts 3.A., 3.B., 3.C., 3.D., and 3.E. of this form (if more room is needed, provide additional sheets) for:

- All applicators used to haul/land apply your biosolids and the amount
- All surface disposal sites to which you sent or took biosolids and the amount
- All land application sites (farms, ranches, composting operations) where biosolids from your facility were applied in 2006 and the amount
- All landfills to which you sent biosolids and the amount
- All composting operations to which you sent biosolids and the amount
- All incinerators to which you sent biosolids and the amount.

Applicators. Complete Parts 3.C, 3.D, and 3.E. for **out of state preparers.** Complete Parts 3.F and 3.G of this form (if more room is needed, provide additional sheets) for:

- All preparers (including composting operations biosolids processing facilities) from which you obtained biosolids
- All application sites (farms, ranches, composting operations) where biosolids were applied in 2006 and the amount.
- All land applicators that are taking biosolids from California generators are required to complete this form and ensure that the California WWTP or preparer is submitting its Annual Report to ADEQ.

NAME OF FACILITY: City of San Diego, Metropolitan Biosolids Center FOR CALENDAR YEAR: 2006

DISPOSITION OF BIOSOLIDS DO ALL REPORTING IN DRY TONS					
Arizona Generators and Preparers – Complete Sections 3.A., 3.B., 3.C., and 3.D California Generators – Complete Section 3.D only					
3.A. Amount of Biosolids Stored on site					
Are Biosolids stored in lined lagoons/impoundment? _____					
Are Biosolids stored directly on the ground? _____					
Are lagoons used in the treatment process? _____					
At beginning of 2006: How much was stored or left over from the previous years? Include any amount that is being stored ANYWHERE – identify the storage of biosolids.	PATHOGEN TREATMENTS			VAR* Option Used	
	NONE	CLASS B	CLASS A		
	dry tons	dry tons	dry tons		
			(Circle one) Fecal Coliform Salmonella		
		METHOD #			
At the end of 2006, how much is still stored on site? Where?	dry tons	dry tons	dry tons		
			(Circle one) Fecal Coliform Salmonella		
			METHOD #		
3.B. Amount of Biosolids received from another facility during the year such as another wastewater treatment plant or another APP permitted facility, for further processing?					
NAME OF FACILITY	LOCATION	PATHOGEN TREATMENT of the incoming biosolids			VAR* Option Used
		NONE	CLASS B	CLASS A	
1.		dry tons	dry tons	dry tons	
2.				(Circle one) Fecal Coliform Salmonella	
				METHOD #	

3.C. Total amount of Biosolids Prepared at the facility during the year based on daily flow.				
	PATHOGEN TREATMENT			VAR* Option Used
	NONE	CLASS B	CLASS A	
	dry tons	dry tons	dry tons	
	(Circle one)			
			Fecal Coliform Salmonella	
	METHOD #			

3.D. Amount of Biosolids removed from the facility. Name all recipients, include haulers name and phone number, land applicators, composters, landfills, drying facilities, EQB bagging facilities, bulk composting, etc.

NAME OF RECIPIENT	LOCATION	DISPOSITION**	PATHOGEN TREATMENT			VAR* Option Used
			NONE	CLASS B	CLASS A	
1. Solid Solutions, LLC 12340 Seal Beach Blvd, #B-383 Seal Beach, CA 90740	Aztec, AZ	Norris Farms	dry tons	dry tons 3,190.37	dry tons	/
					(Circle one)	
					Fecal Coliform Salmonella	
			METHOD #			
			Alt.3,Process3			
2. Solid Solutions, LLC 12340 Seal Beach Blvd, #B-383 Seal Beach, CA 90740	Aztec, AZ	Cullison Farms	dry tons	dry tons 336.97	dry tons	/
					(Circle one)	
					Fecal Coliform Salmonella	
			METHOD #			
			Alt.3,Process3			
3. Otay Landfill	1700 Maxwell Rd. Chula Vista San Diego County, CA 91911 (619) 421-5192	Landfilled	dry tons	dry tons 678.46	dry tons	/
					(Circle one)	
					Fecal Coliform Salmonella	
			METHOD #			
			Alt.3,Process3			
4. Otay Landfill	1700 Maxwell Rd. Chula Vista San Diego County, CA 91911 (619) 421-5192	Alternative Daily Cover	dry tons	dry tons 30,510.19	dry tons	/
					(Circle one)	
					Fecal Coliform Salmonella	
			METHOD #			
			Alt.3,Process3			

5. Fleet Transportation Services 12812 Valley View St. #9 Garden Grove, CA 92845- 2512 (714) 799-0801		Hauler	dry tons	dry tons 34,716.00	dry tons	J
					(Circle one) Fecal Coliform Salmonella	
					METHOD #	
					Alt.3, Process?	
6.			dry tons	dry tons	dry tons	
					(Circle one) Fecal Coliform Salmonella	
					METHOD #	

* VAR = Vector Attraction Reduction – Which option was used from A.A.C. R18-9-1010 (If Preparer did not perform VAR treatment, then specify “none”)

** Disposition: Name the Land application, Surface Disposal, Incineration, Composting Operation, EQB (Exceptional Quality Biosolids) Bagging operation, Landfill, Biosolids Processing facility or sludge drying operation site. Example: Hunt Farm, Flagstaff WWTP Surface Disposal site, Northwest Landfill, Western Organics, etc.

3.E. Preparers must attach analytical results for pollutants according to A.A.C. R18-9-1012 (Self Monitoring), Pathogen Reduction results according to A.A.C. R18-9-1006 (Class A and Class B Pathogen Reduction Requirements) and Vector Attraction Reduction results according to A.A.C. R18-9-1010. This reporting is required under A.A.C. R18-9-1014(F) respectively for biosolids produced or further treated at site during the year. Report all pollutant and pathogen results on a 100% dry weight basis.

NOTE: If biosolids are going to a landfill – attach Paint Filter Test and Toxicity Characteristic Leaching Procedure test (TCLP test) per 40 CFR 261.24

***** Attn: All Arizona Generators, submit additional testing data/ see requirements under Biosolids Requirements in your AZPDES permit (example: Dioxins/dibenzofurans) with this Annual Report

Enclosure 10 - Copy of Solids Solutions, Inc. Annual Certifications

Fleet Industries, Inc.

12812 Valley View Ave., #9

Garden Grove, CA 92845



**BIOSOLIDS BENEFICIAL REUSE
2006 ANNUAL REPORT**



Industries, Inc.

12812 Valley View St., #9
Garden Grove, CA 92845

January 29, 2007

Warren Wazny
City of San Diego – MBC
5240 Convoy Street, MS 901M
San Diego, CA 92111

Re: 2006 Annual Report

Attached is Solid Solutions 2006 Annual Report for City of San Diego's MBC biosolids under contract by Fleet Transportation Services. Included in this report are annual application reports, field reports, site maps, and a certification statement certifying federal and state requirements were met with our land application operations.

If you have any questions, feel free to call me at (760) 801-3175.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Marks", written in a cursive style.

Chris Marks

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Annual Reports

City of San Diego Application Summary - 2006

Field Code: YM 2-A03
 Date Report: 2/1/2007
 Total Acres: 95
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Residual Nitrogen: 47 #/acre
 Date Started: 2/1/2005
 Date Seeded: Mar-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 251.07
 Dry Tons Applied For Current Year: 70.30
 Wet Metric Tons Applied For Current Year: 227.77
 Dry Metric Tons Applied For Current Year: 63.77
 Wet Tons/Acre Applied For Current Year: 2.64
 Wet Metric Tons/ha Applied For Current Year: 5.92
 Dry Metric Tons/ha Applied For Current Year: 1.66

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	60.95	71.31
NH3	0.41	0.48
NO3	0.00	0.00
Organic N	60.54	70.83
As	0.00	0.00
Cd	0.00	0.00
Cr	0.05	0.06
Cu	0.86	1.01
Pb	0.02	0.03
Hg	0.00	0.00
Mo	0.02	0.02
Ni	0.03	0.04
Se	0.00	0.00
Zn	1.08	1.26
PAN	12.31	14.41

City of San Diego Application Summary - 2006

Field Code: YM 2-A19
 Date Report: 2/1/2007
 Total Acres: 29
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Residual Nitrogen: 58 #/acre
 Date Started: 1/6/2006
 Date Seeded: Mar-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 201.29
 Dry Tons Applied For Current Year: 56.36
 Wet Metric Tons Applied For Current Year: 182.61
 Dry Metric Tons Applied For Current Year: 51.13
 Wet Tons/Acre Applied For Current Year: 6.94
 Wet Metric Tons/ha Applied For Current Year: 15.56
 Dry Metric Tons/ha Applied For Current Year: 4.36

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	160.07	187.28
NH3	1.08	1.26
NO3	0.00	0.00
Organic N	158.99	186.02
As	0.00	0.00
Cd	0.01	0.01
Cr	0.13	0.15
Cu	2.27	2.66
Pb	0.06	0.07
Hg	0.01	0.01
Mo	0.04	0.05
Ni	0.08	0.10
Se	0.00	0.00
Zn	2.83	3.31
PAN	32.34	37.84

City of San Diego Application Summary - 2006

Field Code: YM 1-17
 Date Report: 2/1/2007
 Total Acres: 49.99
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Residual Nitrogen: 12 #/acre
 Date Started: 1/11/2006
 Date Seeded: Mar-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 1096.14
 Dry Tons Applied For Current Year: 306.92
 Wet Metric Tons Applied For Current Year: 994.40
 Dry Metric Tons Applied For Current Year: 278.43
 Wet Tons/Acre Applied For Current Year: 21.93
 Wet Metric Tons/ha Applied For Current Year: 49.14
 Dry Metric Tons/ha Applied For Current Year: 13.76

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	505.67	591.63
NH3	3.41	3.99
NO3	0.00	0.00
Organic N	502.26	587.64
As	0.00	0.00
Cd	0.03	0.04
Cr	0.41	0.48
Cu	7.17	8.39
Pb	0.20	0.23
Hg	0.02	0.02
Mo	0.14	0.17
Ni	0.26	0.30
Se	0.00	0.00
Zn	8.94	10.46
PAN	102.16	119.52

City of San Diego Application Summary - 2006

Field Code: YM 1-8
 Date Report: 2/1/2007
 Total Acres: 73.91
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 22 #/acre
 Date Started: 1/27/2006
 First Date Seeded: Apr-06
 First Date Harvested: Sep-06
 Second Date Seeded: Feb-07
 Second Date Harvested: Mar-07

Wet Tons Applied For Current Year: 1712.79
 Dry Tons Applied For Current Year: 452.73
 Wet Metric Tons Applied For Current Year: 1553.82
 Dry Metric Tons Applied For Current Year: 410.71
 Wet Tons/Acre Applied For Current Year: 23.17
 Wet Metric Tons/ha Applied For Current Year: 51.93
 Dry Metric Tons/ha Applied For Current Year: 13.73

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	528.21	618.01
NH3	11.40	13.34
NO3	0.00	0.00
Organic N	516.81	604.67
As	0.00	0.00
Cd	0.01	0.02
Cr	0.58	0.68
Cu	7.80	9.13
Pb	0.25	0.29
Hg	0.02	0.02
Mo	0.18	0.21
Ni	0.45	0.52
Se	0.09	0.11
Zn	9.92	11.60
PAN	109.06	127.60

City of San Diego Application Summary - 2006

Field Code: YM 1-2
 Date Report: 2/1/2007
 Total Acres: 74.45
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 50 #/acre
 Date Started: 2/23/2006
 Date Seeded: May-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 1382.33
 Dry Tons Applied For Current Year: 390.48
 Wet Metric Tons Applied For Current Year: 1254.03
 Dry Metric Tons Applied For Current Year: 354.24
 Wet Tons/Acre Applied For Current Year: 18.57
 Wet Metric Tons/ha Applied For Current Year: 41.61
 Dry Metric Tons/ha Applied For Current Year: 11.75

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	433.52	507.22
NH3	12.34	14.44
NO3	0.00	0.00
Organic N	421.18	492.78
As	0.00	0.00
Cd	0.00	0.00
Cr	0.41	0.48
Cu	6.66	7.79
Pb	0.21	0.25
Hg	0.02	0.02
Mo	0.15	0.18
Ni	0.24	0.28
Se	0.08	0.10
Zn	11.88	13.90
PAN	90.41	105.78

City of San Diego Application Summary - 2006

Field Code: YM 1-7
 Date Report: 2/1/2007
 Total Acres: 60.79
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 9 #/acre
 Date Started: 3/18/2006
 Date Seeded: May-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 324.83
 Dry Tons Applied For Current Year: 94.20
 Wet Metric Tons Applied For Current Year: 294.68
 Dry Metric Tons Applied For Current Year: 85.46
 Wet Tons/Acre Applied For Current Year: 5.34
 Wet Metric Tons/ha Applied For Current Year: 11.98
 Dry Metric Tons/ha Applied For Current Year: 3.47

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	124.66	145.85
NH3	3.86	4.51
NO3	0.00	0.00
Organic N	120.80	141.34
As	0.00	0.00
Cd	0.00	0.00
Cr	0.12	0.14
Cu	1.99	2.33
Pb	0.06	0.07
Hg	0.01	0.01
Mo	0.04	0.05
Ni	0.07	0.08
Se	0.02	0.03
Zn	3.86	4.51
PAN	26.09	30.52

City of San Diego Application Summary - 2006

Field Code: YM 1-19
 Date Report: 2/1/2007
 Total Acres: 49.53
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Residual Nitrogen: 4 #/acre
 Date Started: 3/31/2006
 Date Seeded: May-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 912.29
 Dry Tons Applied For Current Year: 255.69
 Wet Metric Tons Applied For Current Year: 827.62
 Dry Metric Tons Applied For Current Year: 231.96
 Wet Tons/Acre Applied For Current Year: 18.42
 Wet Metric Tons/ha Applied For Current Year: 41.28
 Dry Metric Tons/ha Applied For Current Year: 11.57

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	424.90	497.13
NH3	8.24	9.64
NO3	0.00	0.00
Organic N	416.66	487.49
As	0.00	0.00
Cd	0.02	0.02
Cr	0.47	0.55
Cu	6.82	7.98
Pb	0.27	0.32
Hg	0.01	0.02
Mo	0.23	0.27
Ni	0.31	0.37
Se	0.00	0.00
Zn	12.85	15.04
PAN	87.45	102.32

City of San Diego Application Summary - 2006

Field Code: YM 2-A02
 Date Report: 2/1/2007
 Total Acres: 87
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Residual Nitrogen: 36 #/acre
 Date Started: 4/21/2006
 Date Seeded: Jun-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 719.86
 Dry Tons Applied For Current Year: 199.60
 Wet Metric Tons Applied For Current Year: 653.05
 Dry Metric Tons Applied For Current Year: 181.08
 Wet Tons/Acre Applied For Current Year: 8.27
 Wet Metric Tons/ha Applied For Current Year: 18.54
 Dry Metric Tons/ha Applied For Current Year: 5.14

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	196.67	230.11
NH3	3.54	4.14
NO3	0.00	0.00
Organic N	193.14	225.97
As	0.00	0.00
Cd	0.01	0.01
Cr	0.21	0.24
Cu	3.06	3.57
Pb	0.12	0.13
Hg	0.01	0.01
Mo	0.09	0.11
Ni	0.14	0.16
Se	0.00	0.00
Zn	5.45	6.38
PAN	40.40	47.26

City of San Diego Application Summary - 2006

Field Code: YM 1-1
 Date Report: 2/1/2007
 Total Acres: 68.37
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 11 #/acre
 Date Started: 5/8/2006
 Date Seeded: Jul-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 192.57
 Dry Tons Applied For Current Year: 51.99
 Wet Metric Tons Applied For Current Year: 174.70
 Dry Metric Tons Applied For Current Year: 47.17
 Wet Tons/Acre Applied For Current Year: 2.82
 Wet Metric Tons/ha Applied For Current Year: 6.31
 Dry Metric Tons/ha Applied For Current Year: 1.70

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	71.37	83.51
NH3	1.03	1.21
NO3	0.00	0.00
Organic N	70.34	82.30
As	0.00	0.00
Cd	0.01	0.01
Cr	0.07	0.08
Cu	1.03	1.21
Pb	0.03	0.04
Hg	0.00	0.00
Mo	0.02	0.03
Ni	0.05	0.05
Se	0.00	0.00
Zn	1.60	1.87
PAN	14.59	17.06

City of San Diego Application Summary - 2006

Field Code: YM 1-D2
 Date Report: 2/1/2007
 Total Acres: 35
 Crop: Alfalfa
 Crop Nitrogen Usage: 480 #/acre
 Residual Nitrogen: 0 #/acre
 Date Started: 5/17/2006
 Date Seeded: Aug-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Year: 1173.08
 Dry Tons Applied For Current Year: 316.73
 Wet Metric Tons Applied For Current Year: 1064.20
 Dry Metric Tons Applied For Current Year: 287.33
 Wet Tons/Acre Applied For Current Year: 33.52
 Wet Metric Tons/ha Applied For Current Year: 75.11
 Dry Metric Tons/ha Applied For Current Year: 20.28

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	849.33	993.71
NH3	12.31	14.40
NO3	0.00	0.00
Organic N	837.02	979.32
As	0.00	0.00
Cd	0.06	0.07
Cr	0.78	0.91
Cu	12.31	14.40
Pb	0.40	0.47
Hg	0.04	0.04
Mo	0.29	0.34
Ni	0.55	0.65
Se	0.00	0.00
Zn	19.07	22.31
PAN	173.56	203.06

City of San Diego Application Summary - 2006

Field Code: YM 1-D3
 Date Report: 2/1/2007
 Total Acres: 35
 Crop: Alfalfa
 Crop Nitrogen Usage: 480 #/acre
 Residual Nitrogen: 0 #/acre
 Date Started: 7/3/2006
 Date Seeded: Sep-06
 Date Harvested: Mar-07

Wet Tons Applied For Current Year: 1078.39
 Dry Tons Applied For Current Year: 301.95
 Wet Metric Tons Applied For Current Year: 978.30
 Dry Metric Tons Applied For Current Year: 273.92
 Wet Tons/Acre Applied For Current Year: 30.81
 Wet Metric Tons/ha Applied For Current Year: 69.05
 Dry Metric Tons/ha Applied For Current Year: 19.33

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	799.47	935.38
NH3	19.91	23.29
NO3	0.00	0.00
Organic N	779.56	912.09
As	0.00	0.00
Cd	0.06	0.07
Cr	0.91	1.06
Cu	14.06	16.45
Pb	0.48	0.56
Hg	0.02	0.03
Mo	0.31	0.36
Ni	0.97	1.13
Se	0.05	0.06
Zn	18.10	21.18
PAN	165.87	194.06

City of San Diego Application Summary - 2006

Field Code: YM 1-18
 Date Report: 2/1/2007
 Total Acres: 49.24
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Residual Nitrogen: 4 #/acre
 Date Started: 8/10/2006
 Date Seeded: Oct-06
 Date Harvested: Mar-07

Wet Tons Applied For Current Year: 715.34
 Dry Tons Applied For Current Year: 197.17
 Wet Metric Tons Applied For Current Year: 648.95
 Dry Metric Tons Applied For Current Year: 178.87
 Wet Tons/Acre Applied For Current Year: 14.53
 Wet Metric Tons/ha Applied For Current Year: 32.56
 Dry Metric Tons/ha Applied For Current Year: 8.97

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	389.58	455.81
NH3	5.44	6.36
NO3	0.00	0.00
Organic N	384.14	449.45
As	0.00	0.00
Cd	0.03	0.03
Cr	0.50	0.58
Cu	7.09	8.29
Pb	0.25	0.30
Hg	0.01	0.02
Mo	0.17	0.19
Ni	0.48	0.56
Se	0.05	0.06
Zn	9.51	11.13
PAN	79.55	93.07

City of San Diego Application Summary - 2006

Field Code: YM 1-20
 Date Report: 2/1/2007
 Total Acres: 47.89
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 75
 Date Started: 9/22/2006
 Date Seeded: Dec-06
 Date Harvested: Mar-07

Wet Tons Applied For Current Year: 465.85
 Dry Tons Applied For Current Year: 126.00
 Wet Metric Tons Applied For Current Year: 422.61
 Dry Metric Tons Applied For Current Year: 114.30
 Wet Tons/Acre Applied For Current Year: 9.73
 Wet Metric Tons/ha Applied For Current Year: 21.80
 Dry Metric Tons/ha Applied For Current Year: 5.90

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	238.75	279.34
NH3	1.78	2.08
NO3	0.00	0.00
Organic N	236.97	277.26
As	0.00	0.00
Cd	0.02	0.02
Cr	0.35	0.41
Cu	4.37	5.11
Pb	0.15	0.17
Hg	0.01	0.01
Mo	0.11	0.13
Ni	0.35	0.40
Se	0.00	0.00
Zn	5.71	6.68
PAN	48.28	56.49

City of San Diego Application Summary - 2006

Field Code: YM 1-5
 Date Report: 2/1/2007
 Total Acres: 102.37
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 13 #/acre
 Date Started: 10/5/2006
 Date Seeded: Jan-07
 Date Harvested: Mar-07

Wet Tons Applied For Current Year: 1211.10
 Dry Tons Applied For Current Year: 326.79
 Wet Metric Tons Applied For Current Year: 1098.69
 Dry Metric Tons Applied For Current Year: 296.45
 Wet Tons/Acre Applied For Current Year: 11.83
 Wet Metric Tons/ha Applied For Current Year: 26.51
 Dry Metric Tons/ha Applied For Current Year: 7.15

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	300.33	351.38
NH3	6.34	7.42
NO3	0.00	0.00
Organic N	293.98	343.96
As	0.00	0.00
Cd	0.02	0.02
Cr	0.49	0.57
Cu	5.19	6.08
Pb	0.17	0.20
Hg	0.01	0.01
Mo	0.13	0.15
Ni	0.56	0.66
Se	0.03	0.03
Zn	6.86	8.02
PAN	61.97	72.50

City of San Diego Application Summary - 2006

Field Code: YM 1-6
 Date Report: 2/1/2007
 Total Acres: 99.27
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Residual Nitrogen: 30 #/acre
 Date Started: 10/30/2006
 Date Seeded: Jan-07
 Date Harvested: Mar-07

Wet Tons Applied For Current Year: 592.77
 Dry Tons Applied For Current Year: 157.08
 Wet Metric Tons Applied For Current Year: 537.75
 Dry Metric Tons Applied For Current Year: 142.50
 Wet Tons/Acre Applied For Current Year: 5.97
 Wet Metric Tons/ha Applied For Current Year: 13.38
 Dry Metric Tons/ha Applied For Current Year: 3.55

Source: City of San Diego

Constituent	lbs/acre Applied	kg/hectare Applied
TKN	147.41	172.47
NH3	2.27	2.66
NO3	0.00	0.00
Organic N	145.14	169.81
As	0.00	0.00
Cd	0.01	0.01
Cr	0.22	0.26
Cu	2.43	2.84
Pb	0.08	0.10
Hg	0.01	0.01
Mo	0.06	0.07
Ni	0.26	0.31
Se	0.02	0.03
Zn	3.19	3.73
PAN	30.16	35.29

Field Reports

Annual Report 2006 - YM 2-A03

Field Code: YM 2-A03
 Date: 2/1/2007
 Total Acres: 95
 Latitude: 32.8060 N
 Longitude: 113.3439 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: March-06
 Harvesting Date: September-06

Wet Tons Applied: 4316.34
 Dry Tons Applied: 1112.65
 Metric Tons Applied: 3918.37
 Metric Dry Tons Applied: 1010.06
 Wet Metric Tons/ha: 101.89
 Dry Metric Tons/ha: 26.27
 Wet Tons Applied/acre: 45.44

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1240.00	1106.57	1637.86
NH3	62.53	55.80	104.22
NO3	0.00	0.00	0.00
Organic N	1177.47	1050.77	1489.74
As	0.03	0.03	0.03
Cd	0.11	0.10	0.12
Cr	1.03	0.92	1.41
Cu	8.75	7.81	11.85
Pb	0.34	0.30	0.45
Hg	0.03	0.03	0.04
Mo	0.25	0.22	0.38
Ni	0.81	0.72	1.06
Se	0.05	0.04	0.05
Zn	13.49	12.04	18.76
Plant Available - N	266.76	238.05	N/A

Annual Report 2006 - YM 2-A19

Field Code: YM 2-A19
 Date: 2/1/2007
 Total Acres: 29
 Latitude: 32.7967 N
 Longitude: 113.3479 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: March-06
 Harvesting Date: September-06

Wet Tons Applied: 325.19
 Dry Tons Applied: 86.10
 Metric Tons Applied: 295.21
 Metric Dry Tons Applied: 78.16
 Wet Metric Tons/ha: 25.15
 Dry Metric Tons/ha: 6.66
 Wet Tons Applied/acre: 11.21

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	306.08	273.15	1139.40
NH3	2.15	1.92	58.63
NO3	0.00	0.00	0.00
Organic N	303.93	271.23	1080.77
As	0.00	0.00	0.05
Cd	0.03	0.03	0.08
Cr	0.28	0.25	1.02
Cu	3.35	2.99	9.71
Pb	0.10	0.09	0.36
Hg	0.01	0.01	0.04
Mo	0.07	0.07	0.24
Ni	0.23	0.20	0.76
Se	0.00	0.00	0.00
Zn	4.81	4.29	14.35
Plant Available - N	61.86	55.20	N/A

Annual Report 2006 - YM 1-17

Field Code: YM 1-17
 Date: 2/1/2007
 Total Acres: 49.99
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: March-06
 Harvesting Date: September-06

Wet Tons Applied: 1614.80
 Dry Tons Applied: 434.35
 Metric Tons Applied: 1465.92
 Metric Dry Tons Applied: 394.30
 Wet Metric Tons/ha: 72.44
 Dry Metric Tons/ha: 19.49
 Wet Tons Applied/acre: 32.30

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	885.77	790.46	1793.21
NH3	6.22	5.55	100.23
NO3	0.00	0.00	0.74
Organic N	879.55	784.91	1674.46
As	0.00	0.00	0.10
Cd	0.08	0.08	0.21
Cr	0.84	0.75	1.78
Cu	10.11	9.02	17.34
Pb	0.29	0.26	0.58
Hg	0.03	0.03	0.07
Mo	0.23	0.20	0.31
Ni	0.67	0.60	1.70
Se	0.00	0.00	0.13
Zn	14.20	12.67	27.51
Plant Available - N	179.02	159.76	N/A

Annual Report 2006 - YM 1-8

Field Code: YM 1-8
 Date: 2/1/2007
 Total Acres: 73.91
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 1st Crop: Corn
 2nd Crop: Corn
 Crop Nitrogen Usage: 650 #/acre
 First Seeding Date: April-06
 First Harvesting Date: September-06
 Second Seeding Date: February-07
 Second Harvesting Date: March-07

Wet Tons Applied: 4402.49
 Dry Tons Applied: 1050.91
 Metric Tons Applied: 3996.58
 Metric Dry Tons Applied: 954.02
 Wet Metric Tons/ha: 133.58
 Dry Metric Tons/ha: 31.89
 Wet Tons Applied/acre: 59.57

Constituent	1st Season Kilograms Applied Year to Date (kg/ha)	1st Season Pounds Applied Year to Date (lbs/ac)	2nd Season Kilograms Applied Year to Date (kg/ha)	2nd Season Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	860.36	767.79	770.87	687.92	1813.02
NH3	11.38	10.15	89.28	79.68	101.92
NO3	0.00	0.00	0.01	0.01	0.01
Organic N	848.98	757.63	681.58	608.24	1711.09
As	0.00	0.00	0.06	0.05	0.06
Cd	0.07	0.06	0.10	0.09	0.18
Cr	0.88	0.79	1.50	1.34	2.55
Cu	9.01	8.04	6.93	6.19	18.13
Pb	0.29	0.26	0.33	0.29	0.68
Hg	0.03	0.03	0.02	0.02	0.05
Mo	0.23	0.21	0.27	0.24	0.54
Ni	0.72	0.64	1.01	0.90	1.85
Se	0.08	0.07	0.20	0.18	0.27
Zn	13.12	11.71	14.00	12.49	30.10
Plant Available - N	175.49	156.60	N/A	161.49	N/A

Annual Report 2006 - YM 1-2

Field Code: YM 1-2
 Date: 2/1/2007
 Total Acres: 73.91
 Latitude: 32.4950 N
 Longitude: 113.2400 W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: May-06
 Harvesting Date: Sep-06

Wet Tons Applied: 2313.65
 Dry Tons Applied: 614.33
 Metric Tons Applied: 2100.33
 Metric Dry Tons Applied: 557.69
 Wet Metric Tons/ha: 70.20
 Dry Metric Tons/ha: 18.64
 Wet Tons Applied/acre: 31.30

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	852.80	761.04	15301.27
NH3	19.04	16.99	1655.15
NO3	0.00	0.00	0.90
Organic N	833.76	744.05	12886.63
As	0.00	0.00	0.09
Cd	0.09	0.08	0.18
Cr	0.92	0.82	1.71
Cu	9.92	8.85	20.73
Pb	0.33	0.29	0.84
Hg	0.03	0.03	0.08
Mo	0.26	0.23	5.35
Ni	1.06	0.95	1.96
Se	0.14	0.12	0.26
Zn	18.75	16.73	35.52
Plant Available - N	176.27	157.30	N/A

Annual Report 2006 - YM 1-7

Field Code: YM 1-7
 Date: 2/1/2007
 Total Acres: 60.79
 Latitude: 32.4836 N
 Longitude: 113.2615 W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: May-06
 Harvesting Date: Sep-06

Wet Tons Applied: 964.10
 Dry Tons Applied: 250.07
 Metric Tons Applied: 875.21
 Metric Dry Tons Applied: 227.01
 Wet Metric Tons/ha: 35.57
 Dry Metric Tons/ha: 9.23
 Wet Tons Applied/acre: 15.86

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	454.98	406.02	1133.86
NH3	8.96	7.99	114.80
NO3	0.00	0.00	0.01
Organic N	446.02	398.03	1019.05
As	0.00	0.00	3.61
Cd	0.09	0.08	0.14
Cr	0.56	0.50	0.98
Cu	4.25	3.79	10.47
Pb	0.14	0.13	0.71
Hg	0.01	0.01	0.04
Mo	0.13	0.12	0.37
Ni	0.89	0.79	1.21
Se	0.07	0.06	0.12
Zn	8.93	7.97	16.27
Plant Available - N	93.68	83.60	N/A

Annual Report 2006 - YM 1-19

Field Code: YM 1-19
 Date: 2/1/2007
 Total Acres: 49.53
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: May-06
 Harvesting Date: September-06

Wet Tons Applied: 1725.45
 Dry Tons Applied: 452.03
 Metric Tons Applied: 1566.36
 Metric Dry Tons Applied: 410.35
 Wet Metric Tons/ha: 78.12
 Dry Metric Tons/ha: 20.47
 Wet Tons Applied/acre: 34.84

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	977.88	872.66	1184.78
NH3	16.49	14.72	33.94
NO3	0.00	0.00	0.00
Organic N	961.38	857.94	1132.33
As	0.00	0.00	0.09
Cd	0.16	0.14	0.23
Cr	1.18	1.05	1.60
Cu	10.96	9.78	15.09
Pb	0.44	0.39	0.60
Hg	0.03	0.02	0.05
Mo	0.39	0.35	0.42
Ni	1.55	1.39	2.09
Se	0.07	0.06	0.20
Zn	21.89	19.53	29.54
Plant Available - N	200.52	178.95	N/A

Annual Report 2006 - YM 2-A02

Field Code: YM 2-A02
 Date: 2/1/2007
 Total Acres: 87
 Latitude: 32.8060 N
 Longitude: 113.3471 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: June-06
 Harvesting Date: September-06

Wet Tons Applied: 1655.06
 Dry Tons Applied: 424.08
 Metric Tons Applied: 1502.46
 Metric Dry Tons Applied: 384.98
 Wet Metric Tons/ha: 42.66
 Dry Metric Tons/ha: 10.93
 Wet Tons Applied/acre: 19.02

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	541.80	483.32	1491.80
NH3	8.18	7.30	112.25
NO3	0.00	0.00	0.01
Organic N	533.42	476.03	1068.26
As	0.00	0.00	0.02
Cd	0.10	0.09	0.15
Cr	0.63	0.56	1.46
Cu	5.42	4.84	13.61
Pb	0.21	0.18	0.56
Hg	0.02	0.01	0.05
Mo	0.18	0.16	0.40
Ni	0.86	0.76	1.50
Se	0.04	0.04	0.05
Zn	10.68	9.53	23.50
Plant Available - N	110.77	98.85	N/A

Annual Report 2006 - YM 1-1

Field Code: YM 1-1
 Date: 2/1/2007
 Total Acres: 68.37
 Latitude: 32.49' 50" N
 Longitude: 113.24' 00" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: July-06
 Harvesting Date: September-06

Wet Tons Applied: 584.91
 Dry Tons Applied: 146.41
 Metric Tons Applied: 530.98
 Metric Dry Tons Applied: 132.91
 Wet Metric Tons/ha: 19.19
 Dry Metric Tons/ha: 4.80
 Wet Tons Applied/acre: 8.56

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	270.37	241.27	540.73
NH3	3.14	2.80	6.28
NO3	0.00	0.00	0.00
Organic N	267.22	238.47	534.45
As	0.00	0.00	0.00
Cd	0.04	0.04	0.08
Cr	0.28	0.25	0.55
Cu	2.33	2.08	4.66
Pb	0.08	0.07	0.16
Hg	0.01	0.01	0.02
Mo	0.07	0.06	0.13
Ni	0.29	0.26	0.57
Se	0.03	0.02	0.06
Zn	4.46	3.98	8.92
Plant Available - N	55.02	49.10	N/A

Annual Report 2006 - YM 1-D2

Field Code: YM 1-D2
 Date: 2/1/2007
 Total Acres: 35
 Latitude: 32.48' 19" N
 Longitude: 113.26' 24" W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480#/acre
 Seeding Date: August-06
 Harvesting Date: September-06

Wet Tons Applied: 2766.05
 Dry Tons Applied: 696.37
 Metric Tons Applied: 2511.02
 Metric Dry Tons Applied: 632.16
 Wet Metric Tons/ha: 177.23
 Dry Metric Tons/ha: 44.62
 Wet Tons Applied/acre: 79.03

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	2457.43	2193.01	2457.43
NH3	29.35	26.19	29.35
NO3	0.00	0.00	0.00
Organic N	2428.08	2166.82	2428.08
As	0.00	0.00	0.00
Cd	0.34	0.30	0.34
Cr	2.43	2.17	2.43
Cu	23.20	20.70	23.20
Pb	0.78	0.69	0.78
Hg	0.08	0.07	0.08
Mo	0.62	0.55	0.62
Ni	2.41	2.15	2.41
Se	0.22	0.20	0.22
Zn	42.76	38.16	42.76
Plant Available - N	500.29	446.46	N/A

Annual Report 2006 - YM 1-D3

Field Code: YM 1-D3
 Date: 2/1/2007
 Total Acres: 35
 Latitude: 32.48' 19" N
 Longitude: 113.26' 10" W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480#/acre
 Seeding Date: September-06
 Harvesting Date: March-07

Wet Tons Applied: 2719.63
 Dry Tons Applied: 679.48
 Metric Tons Applied: 2468.88
 Metric Dry Tons Applied: 616.83
 Wet Metric Tons/ha: 174.26
 Dry Metric Tons/ha: 43.54
 Wet Tons Applied/acre: 77.70

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	2362.63	2108.41	2362.63
NH3	36.24	32.34	36.24
NO3	0.00	0.00	0.00
Organic N	2326.39	2076.07	2326.39
As	0.00	0.00	0.00
Cd	0.33	0.29	0.33
Cr	2.60	2.32	2.60
Cu	25.65	22.89	25.65
Pb	0.90	0.81	0.90
Hg	0.06	0.05	0.06
Mo	0.64	0.57	0.64
Ni	2.80	2.50	2.80
Se	0.29	0.26	0.29
Zn	42.64	38.06	42.64
Plant Available - N	483.40	431.38	N/A

Annual Report 2006 - YM 1-18

Field Code: YM 1-18
 Date: 2/1/2007
 Total Acres: 49.24
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: October-06
 Harvesting Date: March-07

Wet Tons Applied: 2393.32
 Dry Tons Applied: 549.55
 Metric Tons Applied: 2172.66
 Metric Dry Tons Applied: 498.88
 Wet Metric Tons/ha: 109.00
 Dry Metric Tons/ha: 25.03
 Wet Tons Applied/acre: 48.61

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1353.24	1207.63	1560.15
NH3	10.40	9.28	27.85
NO3	0.00	0.00	0.00
Organic N	1342.84	1198.35	1513.78
As	0.00	0.00	0.09
Cd	0.22	0.20	0.29
Cr	1.80	1.61	2.22
Cu	15.32	13.67	19.45
Pb	0.59	0.53	0.75
Hg	0.03	0.03	0.05
Mo	0.44	0.39	0.46
Ni	1.67	1.49	2.21
Se	0.23	0.20	0.36
Zn	27.50	24.54	35.15
Plant Available - N	273.77	244.31	N/A

Annual Report 2006 - YM 1-20

Field Code: YM 1-20
 Date: 2/1/2007
 Total Acres: 47.89
 Latitude: 32.48'30" N
 Longitude: 113.26'15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: December-06
 Harvesting Date: March-07

Wet Tons Applied: 2067.45
 Dry Tons Applied: 498.86
 Metric Tons Applied: 1876.83
 Metric Dry Tons Applied: 452.87
 Wet Metric Tons/ha: 96.81
 Dry Metric Tons/ha: 23.36
 Wet Tons Applied/acre: 43.17

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1290.94	1152.04	1497.85
NH3	76.17	67.98	93.62
NO3	2.51	2.24	2.52
Organic N	1214.77	1084.06	1385.71
As	0.01	0.01	0.11
Cd	0.17	0.16	0.25
Cr	2.65	2.36	3.07
Cu	15.67	13.98	19.80
Pb	1.05	0.94	1.22
Hg	0.06	0.05	0.08
Mo	0.52	0.46	0.54
Ni	1.46	1.30	2.00
Se	0.28	0.25	0.41
Zn	25.79	23.01	33.44
Plant Available - N	283.55	253.04	N/A

Annual Report 2006 - YM 1-5

Field Code: YM 1-5
 Date: 2/1/2007
 Total Acres: 102.37
 Latitude: 32.48'55" N
 Longitude: 113.26'15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Jan-07
 Harvesting Date: Mar-07

Wet Tons Applied: 4315.23
 Dry Tons Applied: 953.75
 Metric Tons Applied: 3917.37
 Metric Dry Tons Applied: 865.81
 Wet Metric Tons/ha: 94.53
 Dry Metric Tons/ha: 20.89
 Wet Tons Applied/acre: 42.15

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1099.04	980.78	2583.23
NH3	93.43	83.38	147.13
NO3	0.00	0.00	0.00
Organic N	1005.61	897.40	2436.10
As	0.03	0.03	0.03
Cd	0.13	0.11	0.17
Cr	1.80	1.61	2.21
Cu	11.68	10.43	16.74
Pb	0.48	0.42	0.72
Hg	0.03	0.02	0.05
Mo	0.38	0.34	0.60
Ni	1.36	1.21	1.77
Se	0.20	0.18	0.24
Zn	18.94	16.90	27.21
Plant Available - N	247.84	221.17	N/A

Annual Report 2006 - YM 1-6

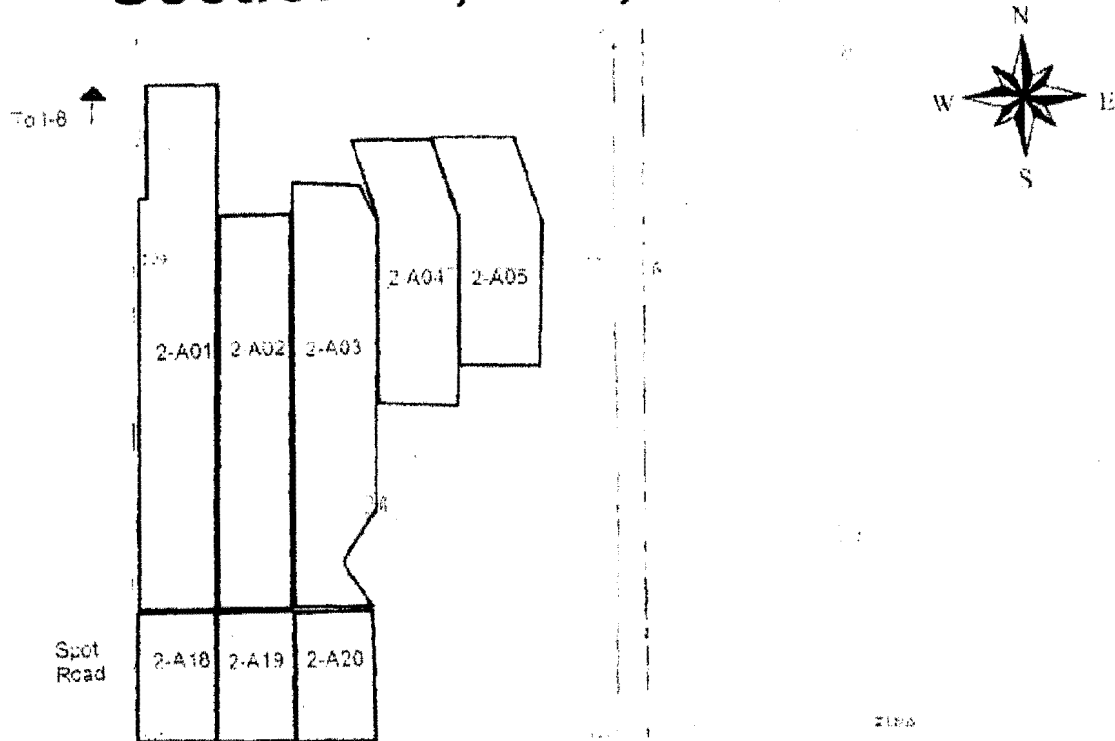
Field Code: YM 1-6
 Date: 2/1/2007
 Total Acres: 99.27
 Latitude: 32.4855N
 Longitude: 113.2615W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: January-07
 Harvesting Date: March-07

Wet Tons Applied: 1909.49
 Dry Tons Applied: 560.53
 Metric Tons Applied: 1733.44
 Metric Dry Tons Applied: 508.85
 Wet Metric Tons/ha: 43.14
 Dry Metric Tons/ha: 12.66
 Wet Tons Applied/acre: 19.24

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	686.04	612.22	1573.32
NH3	55.54	49.56	147.75
NO3	0.00	0.00	0.06
Organic N	630.50	562.66	1425.34
As	0.00	0.00	0.13
Cd	0.08	0.07	0.16
Cr	1.06	0.95	2.00
Cu	6.67	5.96	18.79
Pb	0.27	0.24	0.82
Hg	0.02	0.01	0.06
Mo	0.24	0.21	0.52
Ni	0.80	0.71	1.90
Se	0.11	0.10	0.26
Zn	10.70	9.55	30.03
Plant Available - N	153.87	137.31	N/A

Field Maps

Cullison Farm - Aztec North Section 24, T7S, R11W



112 45000' W

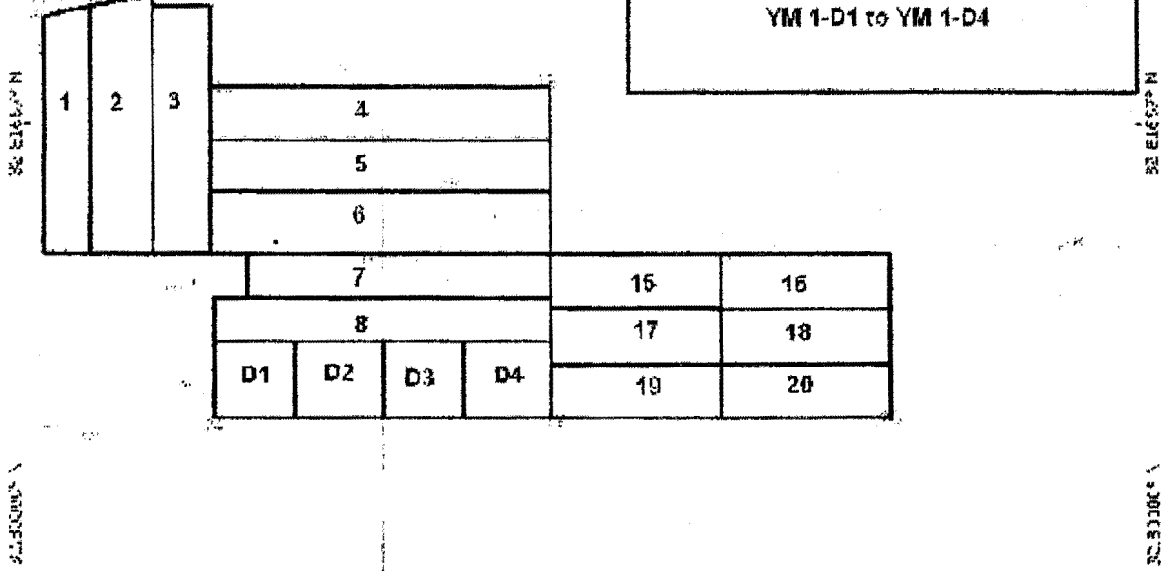
112 45000' W

112 41000' W

40000' 112 40000' W

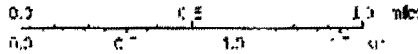
Ante

NORRIS FARMS
AZTEC FIELDS
 YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
 YM 1-D1 to YM 1-D4



Map created with **ARC/INFO** (ESRI) on **Sec 10**
 112 45000' W

**NATIONAL
 GEOGRAPHIC**



40000' 112 40000' W

12°
 120°

ADEQ 2006 Report Forms



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Water Quality Compliance Assurance Unit
1110 W. Washington Street, MO5415B-1
Phoenix, Arizona 85007
602-771-4612 (voicemail) 602-771-4505 (fax)

BIOSOLIDS OR SEWAGE SLUDGE ANNUAL REPORT FORM FOR REPORTING YEAR 2006

All Preparers (Generators) and Land Applicators Must Complete the Following:

1. General Information

Date: January 29, 2007

NPDES Permit # (if applicable)

Company Name (Preparer/Applicator): Solid Solutions

Contact Name: Chris Marks

Title: Operations and Technical Services Manager

Address: 12340 Seal Beach Blvd, #B-383, Seal Beach CA 90740

Phone: (760) 801-3175

Email: cmarks@solidstech.com

CERTIFICATION: I certify, under penalty of law, that the information and descriptions, have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Signature:

Title:

Operations Manager

2. Who are you? (Check all that apply)

- Preparer. (A "Preparer is a Generator") The biosolids or sewage sludge prepared at this site are:
(select all that apply)
- Stored on Site
 - Beneficially used for Land Application
 - Sold/given to composting operation, a sludge drying operation or to another WWTP for further treatment.
 - Disposed of in a biosolids only surface disposal site, monofill, designated sludge only area
 - Disposed of in a solid waste landfill – do biosolids go directly into the landfill? _____
 - Sent out of state for incineration, landfilling, land application or surface disposal, composting or sludge drying
- Applicator of biosolids to the land.
- Owner or Operator of a surface disposal site including wastewater treatment plants with surface disposal (final disposal) site for sludge.

Preparers – wastewater treatment facilities, composting operations and Biosolids processing operations. Complete Parts 3.A., 3.B., 3.C., 3.D., and 3.E. of this form (if more room is needed, provide additional sheets) for:

- All applicators used to haul/land apply your biosolids and the amount
- All surface disposal sites to which you sent or took biosolids and the amount
- All land application sites (farms, ranches, composting operations) where biosolids from your facility were applied in 2006 and the amount
- All landfills to which you sent biosolids and the amount
- All composting operations to which you sent biosolids and the amount
- All incinerators to which you sent biosolids and the amount.

Applicators. Complete Parts 3.C, 3.D, and 3.E. for **out of state preparers.** Complete Parts 3.F and 3.G of this form (if more room is needed, provide additional sheets) for:

- All preparers (including composting operations biosolids processing facilities) from which you obtained biosolids
- All application sites (farms, ranches, composting operations) where biosolids were applied in 2006 and the amount.
- All land applicators that are taking biosolids from California generators are required to complete this form and ensure that the California WWTP or preparer is submitting its Annual Report to ADEQ.

**DISPOSITION OF BIOSOLIDS
DO ALL REPORTING IN DRY TONS**

Arizona Generators and Preparers – Complete Sections 3.A., 3.B., 3.C., and 3.D
California Generators – Complete Section 3.D only

3.A. Amount of Biosolids Stored on site

Are Biosolids stored in lined lagoons/impoundment? _____
Are Biosolids stored directly on the ground? _____
Are lagoons used in the treatment process? _____

	PATHOGEN TREATMENTS			VAR* Option Used
	NONE	CLASS B	CLASS A	
At beginning of 2006: How much was stored or left over from the previous years? Include any amount that is being stored ANYWHERE – identify the storage of biosolids.	dry tons	dry tons	dry tons	
			(Circle one) Fecal Coliform Salmonella	
			METHOD #	
At the end of 2006, how much is still stored on site? Where?	dry tons	dry tons	dry tons	
			(Circle one) Fecal Coliform Salmonella	
			METHOD #	

3.B. Amount of Biosolids received from another facility during the year such as another wastewater treatment plant or another APP permitted facility, for further processing?

NAME OF FACILITY	LOCATION	PATHOGEN TREATMENT of the incoming biosolids			VAR* Option Used
		NONE	CLASS B	CLASS A	
1.		dry tons	dry tons	dry tons	
				(Circle one) Fecal Coliform Salmonella	
				METHOD #	
2.				(Circle one) Fecal Coliform Salmonella	
				METHOD #	

3.C. Total amount of Biosolids Prepared at the facility during the year based on daily flow.

• City of San Diego - MBC	PATHOGEN TREATMENT			VAR* Option Used
	NONE	CLASS B	CLASS A	Opt. 1
	dry tons 0.00	dry tons 3304.00	dry tons 0.00	
			(Circle one)	
			Fecal Coliform Salmonella	
		METHOD #		

3.D. Amount of Biosolids removed from the facility. Name all recipients, include haulers name and phone number, land applicators, composters, landfills, drying facilities, EQB bagging facilities, bulk composting, etc.

NAME OF RECIPIENT	LOCATION	DISPOSITION**	PATHOGEN TREATMENT			VAR* Option Used
			NONE	CLASS B	CLASS A	
1. Solid Solutions, LLC 12340 Seal Beach Blvd, #B-383 Seal Beach, CA 90740	Aztec, AZ	Norris Farms	dry tons 0.00	dry tons 2977.74	dry tons 0.00	Opt. 1
				(Circle one)		
				Fecal Coliform Salmonella		
				METHOD #		
2. Solid Solutions, LLC 12340 Seal Beach Blvd, #B-383 Seal Beach, CA 90740	Aztec, AZ	Cullison Farms	dry tons 0.00	dry tons 326.26	dry tons 0.00	Opt. 1
				(Circle one)		
				Fecal Coliform Salmonella		
				METHOD #		
3. Fleet Transportation Services 12812 Valley View St. #9 Garden Grove, CA 92845-2512 (714) 799-0801		Hauler	dry tons	dry tons	dry tons	
				(Circle one)		
				Fecal Coliform Salmonella		
				METHOD #		
4.			dry tons	dry tons	dry tons	
				(Circle one)		
				Fecal Coliform Salmonella		
				METHOD #		

5.			dry tons	dry tons	dry tons
					(Circle one) Fecal Coliform Salmonella
					METHOD #
6.			dry tons	dry tons	dry tons
					(Circle one) Fecal Coliform Salmonella
					METHOD #

* VAR = Vector Attraction Reduction – Which option was used from A.A.C. R18-9-1010 (If Preparer did not perform VAR treatment, then specify "none")

** Disposition: Name the Land application, Surface Disposal, Incineration, Composting Operation, EQB (Exceptional Quality Biosolids) Bagging operation, Landfill, Biosolids Processing facility or sludge drying operation site. Example: Hunt Farm, Flagstaff WWTP Surface Disposal site, Northwest Landfill, Western Organics, etc.

3.E. Preparers must attach analytical results for pollutants according to A.A.C. R18-9-1012 (Self Monitoring), Pathogen Reduction results according to A.A.C. R18-9-1006 (Class A and Class B Pathogen Reduction Requirements) and Vector Attraction Reduction results according to A.A.C. R18-9-1010. This reporting is required under A.A.C. R18-9-1014(F) respectively for biosolids produced or further treated at site during the year. Report all pollutant and pathogen results on a 100% dry weight basis.

NOTE: If biosolids are going to a landfill – attach Paint Filter Test and Toxicity Characteristic Leaching Procedure test (TCLP) per 40 CFR 261.24

******* Attn: All Arizona Generators, submit additional testing data/ see requirements under Biosolids Requirements in your AZPDES permit (example: Dioxins/dibenzofurans) with this Annual Report**

F. Specific Information on Land Application Events										
Application Site/Location	Field ID	Amount of Biosolids Applied in dry tons (dry tons)	Preparer	Pathogen Treatment Method	Vector Attraction Reduction Method	Loading Rate in dry tons (dry tons/acre)	Nitrogen Conc. Organic + ammonium (kg/ha)	Type of Crop Grown after application	Agronomic Rate of Crop Grown (#N/acre)	Concentration of Pollutants (kg/ha)
Cullison Farms, Aztec, AZ	YM 2-A01	70.30	MBC WWTP	Class B, Alt. 5	Option 1	0.74	14.41	Cotton	250	As= 0.00 Cd= 0.00 Cr= 0.06 Cu= 1.01 Pb= 0.03 Hg= 0.00 Mo= 0.02 Ni= 0.04 Se= 0.00 Zn= 1.26
Cullison Farms, Aztec, AZ	YM 2-A02	199.60	MBC WWTP	Class B, Alt. 5	Option 1	2.29	47.26	Cotton	250	As= 0.00 Cd= 0.01 Cr= 0.24 Cu= 3.37 Pb= 0.13 Hg= 0.01 Mo= 0.11 Ni= 0.16 Se= 0.00 Zn= 6.38
Cullison Farms, Aztec, AZ	YM 2-A19	56.36	MBC WWTP	Class B, Alt. 5	Option 1	1.94	37.84	Cotton	250	As= 0.00 Cd= 0.01 Cr= 0.15 Cu= 2.66 Pb= 0.07 Hg= 0.01 Mo= 0.05 Ni= 0.10 Se= 0.00 Zn= 3.31
Norris Farms, Aztec, AZ	YM 1-17	306.92	MBC WWTP	Class B, Alt. 5	Option 1	6.14	119.52	Cotton	250	As= 0.00 Cd= 0.04 Cr= 0.48 Cu= 8.39 Pb= 0.23 Hg= 0.02 Mo= 0.17 Ni= 0.30 Se= 0.00 Zn= 10.46
Norris Farms, Aztec, AZ	YM 1-8	452.73	MBC WWTP	Class B, Alt. 5	Option 1	6.13	127.60	Corn	325	As= 0.00 Cd= 0.02 Cr= 0.68 Cu= 9.13 Pb= 0.29 Hg= 0.02 Mo= 0.21 Ni= 0.52 Se= 0.11 Zn= 11.60
Norris Farms, Aztec, AZ	YM 1-2	390.48	MBC WWTP	Class B, Alt. 5	Option 1	5.24	105.78	Corn	325	As= 0.00 Cd= 0.00 Cr= 0.48 Cu= 7.79 Pb= 0.25 Hg= 0.02 Mo= 0.18 Ni= 0.28 Se= 0.10 Zn= 13.90
Norris Farms, Aztec, AZ	YM 1-7	94.20	MBC WWTP	Class B, Alt. 5	Option 1	1.55	30.52	Corn	325	As= 0.00 Cd= 0.00 Cr= 0.14 Cu= 2.33 Pb= 0.07 Hg= 0.01 Mo= 0.05 Ni= 0.08 Se= 0.03 Zn= 4.51
Norris Farms, Aztec, AZ	YM 1-19	255.69	MBC WWTP	Class B, Alt. 5	Option 1	5.16	102.32	Cotton	250	As= 0.00 Cd= 0.02 Cr= 0.55 Cu= 7.98 Pb= 0.32 Hg= 0.02 Mo= 0.27 Ni= 0.37 Se= 0.00 Zn= 15.04
Norris Farms, Aztec, AZ	YM 1-1	51.99	MBC WWTP	Class B, Alt. 5	Option 1	0.76	17.06	Corn	325	As= 0.00 Cd= 0.01 Cr= 0.08 Cu= 1.21 Pb= 0.04 Hg= 0.00 Mo= 0.03 Ni= 0.05 Se= 0.00 Zn= 1.87
Norris Farms, Aztec, AZ	YM 1-D2	316.73	MBC WWTP	Class B, Alt. 5	Option 1	9.03	203.06	Alfalfa	480	As= 0.00 Cd= 0.07 Cr= 0.91 Cu= 14.40 Pb= 0.47 Hg= 0.04 Mo= 0.34 Ni= 0.65 Se= 0.00 Zn= 22.31
Norris Farms, Aztec, AZ	YM 1-D3	301.95	MBC WWTP	Class B, Alt. 5	Option 1	8.63	194.06	Alfalfa	480	As= 0.00 Cd= 0.07 Cr= 1.06 Cu= 16.46 Pb= 0.56 Hg= 0.03 Mo= 0.36 Ni= 1.13 Se= 0.06 Zn= 21.18
Norris Farms, Aztec, AZ	YM 1-18	197.17	MBC WWTP	Class B, Alt. 5	Option 1	4.00	93.07	Cotton	250	As= 0.00 Cd= 0.03 Cr= 0.58 Cu= 8.29 Pb= 0.30 Hg= 0.02 Mo= 0.19 Ni= 0.56 Se= 0.06 Zn= 11.13
Norris Farms, Aztec, AZ	YM 1-20	126.00	MBC WWTP	Class B, Alt. 5	Option 1	2.63	56.49	Corn	325	As= 0.00 Cd= 0.02 Cr= 0.41 Cu= 5.11 Pb= 0.17 Hg= 0.01 Mo= 0.13 Ni= 0.40 Se= 0.00 Zn= 6.68
Norris Farms, Aztec, AZ	YM 1-5	326.79	MBC WWTP	Class B, Alt. 5	Option 1	3.19	72.50	Corn	325	As= 0.00 Cd= 0.02 Cr= 0.57 Cu= 6.08 Pb= 0.20 Hg= 0.01 Mo= 0.15 Ni= 0.66 Se= 0.03 Zn= 8.02
Norris Farms, Aztec, AZ	YM 1-6	157.08	MBC WWTP	Class B, Alt. 5	Option 1	1.58	35.29	Corn	325	As= 0.00 Cd= 0.01 Cr= 0.26 Cu= 2.84 Pb= 0.10 Hg= 0.01 Mo= 0.07 Ni= 0.31 Se= 0.03 Zn= 3.73

Certification Statement

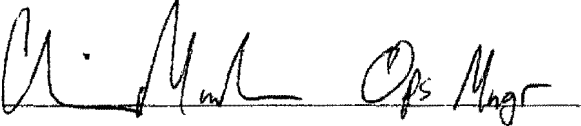
Solid Solutions, L.L.C

12812 Valley View St., #9
Garden Grove, CA 92845

**Yuma County
Biosolids Land Application
2006**

Biosolids Certification Statement

"I certify, under penalty of law, that the management practices in §503.14, the site restrictions in §503.32(b)(5), have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices and site restrictions have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

By:  Ops Mgr

Date: 1/29/07

Enclosure 11 - Copies of Solids Solutions, Inc. Monthly Certifications and Reports

SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For January 2006

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- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - January 2006

Date: 2/1/2006

County: Yuma

Field Number: YM 2-A03

Number of Acres: 95

Month Applied:	Jan-06	
Wet Tons Applied:	251.07	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	43000.00	71.31
NH3	290.00	0.48
NO3	0.00	0.00
Organic N	42710.00	70.83
As	0.00	0.00
Cd	2.70	0.00
Cr	35.00	0.06
Cu	610.00	1.01
Pb	17.00	0.03
Hg	1.70	0.00
Mo	12.00	0.02
Ni	22.00	0.04
Se	0.00	0.00
Zn	760.00	1.26
PAN	8687.00	14.41

City of San Diego Monthly Application Summary - January 2006

Date: 2/1/2006

County: Yuma

Field Number: YM 2-A19

Number of Acres: 29

Month Applied:	Jan-06	
Wet Tons Applied:	201.29	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	43000.00	187.28
NH3	290.00	1.26
NO3	0.00	0.00
Organic N	42710.00	186.02
As	0.00	0.00
Cd	2.70	0.01
Cr	35.00	0.15
Cu	610.00	2.66
Pb	17.00	0.07
Hg	1.70	0.01
Mo	12.00	0.05
Ni	22.00	0.10
Se	0.00	0.00
Zn	760.00	3.31
PAN	8687.00	37.84

City of San Diego Monthly Application Summary - January 2006

Date: 2/1/2006

County: Yuma

Field Number: YM 1-17

Number of Acres: 49.99

Month Applied:	Jan-06	
Wet Tons Applied:	1096.14	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	43000.00	591.63
NH3	290.00	3.99
NO3	0.00	0.00
Organic N	42710.00	587.64
As	0.00	0.00
Cd	2.70	0.04
Cr	35.00	0.48
Cu	610.00	8.39
Pb	17.00	0.23
Hg	1.70	0.02
Mo	12.00	0.17
Ni	22.00	0.30
Se	0.00	0.00
Zn	760.00	10.46
PAN	8687.00	119.52

City of San Diego Monthly Application Summary - January 2006

Date: 2/1/2006
 County: Yuma

Field Number: YM 1-8
 Number of Acres: 73.91

Month Applied:	Jan-06	
Wet Tons Applied:	370.41	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	43000.00	135.22
NH3	290.00	0.91
NO3	0.00	0.00
Organic N	42710.00	134.31
As	0.00	0.00
Cd	2.70	0.01
Cr	35.00	0.11
Cu	610.00	1.92
Pb	17.00	0.05
Hg	1.70	0.01
Mo	12.0	0.04
Ni	22.0	0.07
Se	0.0	0.00
Zn	760.00	2.39
PAN	8687.00	27.32

Date	Ticket No.	WtTicket#	Destination	Gross	Tare	Net	Tons
1/2/06	41516	19758872	YM 2-A03	82300	30760	51540	25.77
1/2/06	41517	19758874	YM 2-A03	79780	29260	50520	25.26
1/3/06	41531	19759028	YM 2-A03	80240	30760	49480	24.74
1/3/06	41532	19759026	YM 2-A03	80520	30120	50400	25.20
1/3/06	41536	19759062	YM 2-A03	80560	31140	49420	24.71
1/4/06	41549	19759339	YM 2-A03	80600	30160	50440	25.22
1/4/06	41550	19759341	YM 2-A03	79960	29500	50460	25.23
1/5/06	41569	20516521	YM 2-A03	79680	29220	50460	25.23
1/5/06	41570	20516527	YM 2-A03	80060	30180	49880	24.94
1/5/06	41574	20516565	YM 2-A03	79560	30020	49540	24.77
1/6/06	41593	20516878	YM 2-A19	80280	30360	49920	24.96
1/7/06	41609	20517287	YM 2-A19	79660	30440	49220	24.61
1/7/06	41610	20515107	YM 2-A19	81300	28440	52860	26.43
1/7/06	41611	20515361	YM 2-A19	79780	30180	49600	24.80
1/9/06	41623	20515439	YM 2-A19	80020	30000	50020	25.01
1/9/06	41625	20515441	YM 2-A19	80020	28380	51640	25.82
1/10/06	41639	20515871	YM 2-A19	80160	30660	49500	24.75
1/10/06	41653	20515793	YM 2-A19	79960	30140	49820	24.91
1/11/06	41662	20516187	YM 1-17	82240	30100	52140	26.07
1/11/06	41666	20972701	YM 1-17	79760	28920	50840	25.42
1/12/06	41679	20973073	YM 1-17	79840	30180	49660	24.83
1/12/06	41680	20973079	YM 1-17	79600	30300	49300	24.65
1/12/06	41681	20973082	YM 1-17	80360	28360	52000	26.00
1/13/06	41696	20973427	YM 1-17	79700	30060	49640	24.82
1/13/06	41702	20973470	YM 1-17	79860	28320	51540	25.77
1/14/06	41713	20828616	YM 1-17	80120	28400	51720	25.86
1/17/06	41743	20829230	YM 1-17	79880	30100	49780	24.89
1/17/06	41744	20829251	YM 1-17	80700	30160	50540	25.27
1/18/06	41761	20829568	YM 1-17	80060	30080	49980	24.99
1/18/06	41768	20829616	YM 1-17	79980	30100	49880	24.94
1/19/06	41778	20829889	YM 1-17	80260	30160	50100	25.05
1/19/06	41779	20829957	YM 1-17	79620	30340	49280	24.64
1/19/06	41780	20829958	YM 1-17	79320	32620	46700	23.35
1/20/06	41795	20830254	YM 1-17	79600	30000	49600	24.80
1/20/06	41796	20830286	YM 1-17	80420	30400	50020	25.01
1/20/06	41797	20830278	YM 1-17	79720	32720	47000	23.50
1/20/06	41802	20830307	YM 1-17	79900	28580	51320	25.66
1/21/06	41810	20830630	YM 1-17	79820	32540	47280	23.64
1/21/06	41811	20830645	YM 1-17	79740	28440	51300	25.65
1/21/06	41812	20830659	YM 1-17	80060	30580	49480	24.74
1/23/06	41822	20949691	YM 1-17	81540	31420	50120	25.06
1/23/06	41823	20949693	YM 1-17	82020	29060	52960	26.48
1/23/06	41826	20949697	YM 1-17	80280	30620	49660	24.83
1/23/06	41830	20949714	YM 1-17	79320	30720	48600	24.30
1/23/06	41831	20949715	YM 1-17	79980	30920	49060	24.53
1/24/06	41839	20950042	YM 1-17	79540	30900	48640	24.32
1/24/06	41840	20950040	YM 1-17	80600	30740	49860	24.93
1/24/06	41841	20950002	YM 1-17	79580	30320	49260	24.63

Date	Ticket No.	WtTicket#	Destination	Gross	Tare	Net	Tons
1/24/06	41842	20950005	YM 1-17	79760	31000	48760	24.38
1/24/06	41843	20950016	YM 1-17	79780	28520	51260	25.63
1/24/06	41844	20950024	YM 1-17	80140	30740	49400	24.70
1/25/06	41859	20950332	YM 1-17	79560	30740	48820	24.41
1/25/06	41860	20950359	YM 1-17	79880	30880	49000	24.50
1/25/06	41861	20950330	YM 1-17	79540	30220	49320	24.66
1/25/06	41862	20950326	YM 1-17	79780	30220	49560	24.78
1/25/06	41863	20950333	YM 1-17	80220	28420	51800	25.90
1/26/06	41879	20950695	YM 1-17	80260	30880	49380	24.69
1/26/06	41880	20950694	YM 1-17	79380	30740	48640	24.32
1/26/06	41881	20950626	YM 1-17	80520	30220	50300	25.15
1/26/06	41882	20950622	YM 1-17	80460	30300	50160	25.08
1/26/06	41891	20950693	YM 1-17	79260	32660	46600	23.30
1/26/06	41892	20950698	YM 1-17	80460	28440	52020	26.01
1/27/06	41901	19686041	YM 1-8	80380	31060	49320	24.66
1/27/06	41902	19686057	YM 1-8	79920	30740	49180	24.59
1/27/06	41903	19686123	YM 1-8	79960	30500	49460	24.73
1/27/06	41904	19685990	YM 1-8	79600	30300	49300	24.65
1/27/06	41905	19685986	YM 1-8	79900	28500	51400	25.70
1/28/06	41916	19686359	YM 1-8	79620	30140	49480	24.74
1/28/06	41917	19686385	YM 1-8	79640	28620	51020	25.51
1/30/06	41929	19686645	YM 1-8	79200	32700	46500	23.25
1/30/06	41930	19686614	YM 1-8	79780	30300	49480	24.74
1/30/06	41931	19686646	YM 1-8	79920	30940	48980	24.49
1/31/06	41949	21291827	YM 1-8	79740	30220	49520	24.76
1/31/06	41950	21291847	YM 1-8	79900	32660	47240	23.62
1/31/06	41951	21291825	YM 1-8	80200	28720	51480	25.74
1/31/06	41952	21291829	YM 1-8	79680	30480	49200	24.60
1/31/06	41953	21291857	YM 1-8	79640	30380	49260	24.63
							1918.91

Field Report - January 2006

Field Code: YM 2-A03
 Date: 2/1/2006
 Total Acres: 95
 Latitude: 32.8060 N
 Longitude: 113.3439 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Date Started: 2/1/2005
 Seeding Date: March-06
 Harvesting Date: September-06

Wet Tons Applied: 4316.34
 Dry Tons Applied: 1112.65
 Metric Tons Applied: 3918.37
 Metric Dry Tons Applied: 1010.06
 Wet Metric Tons/ha: 101.89
 Dry Metric Tons/ha: 26.27
 Wet Tons Applied/acre: 45.44

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	1240.00	1106.57	1637.86
NH3	62.53	55.80	104.22
NO3	0.00	0.00	0.00
Organic N	1177.47	1050.77	1489.74
As	0.03	0.03	0.03
Cd	0.11	0.10	0.12
Cr	1.03	0.92	1.41
Cu	8.75	7.81	11.85
Pb	0.34	0.30	0.45
Hg	0.03	0.03	0.04
Mo	0.25	0.22	0.38
Ni	0.81	0.72	1.06
Se	0.05	0.04	0.05
Zn	13.49	12.04	18.76
Plant Available - N	266.76	238.05	388.90

Field Report - January 2005

Field Code: YM 2-A19
 Date: 2/1/2006
 Total Acres: 29
 Latitude: 32.7987 N
 Longitude: 113.3479 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Date Started: 1/6/2006
 Date Seeded: March-06
 Date Harvested: September-06

Wet Tons Applied For Current Cropping Season: 325.19
 Dry Tons Applied For Current Cropping Season: 86.10
 Metric Tons Applied For Current Cropping Season: 295.21
 Metric Dry Tons Applied For Current Cropping Season: 78.16

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	306.08	273.15	1139.40
NH3	2.15	1.92	58.63
NO3	0.00	0.00	0.00
Organic N	303.93	271.23	1080.77
As	0.00	0.00	0.05
Cd	0.03	0.03	0.08
Cr	0.28	0.25	1.02
Cu	3.35	2.99	9.71
Pb	0.10	0.09	0.36
Hg	0.01	0.01	0.04
Mo	0.07	0.07	0.24
Ni	0.23	0.20	0.76
Se	0.00	0.00	0.00
Zn	4.81	4.29	14.35
Plant Available - N	61.86	55.20	244.56

Field Report - January 2006

Field Code: YM 1-17
 Date: 2/1/2006
 Total Acres: 49.99
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Date Started: 1/11/2006
 Date Seeded: Mar-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Cropping Season: 1614.80
 Dry Tons Applied For Current Cropping Season: 434.35
 Metric Tons Applied For Current Cropping Season: 1465.92
 Metric Dry Tons Applied For Current Cropping Season: 394.30

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	885.77	790.46	1793.21
NH3	6.22	5.55	100.23
NO3	0.00	0.00	0.74
Organic N	879.55	784.91	1674.46
As	0.00	0.00	0.10
Cd	0.08	0.08	0.21
Cr	0.84	0.75	1.78
Cu	10.11	9.02	17.34
Pb	0.29	0.26	0.58
Hg	0.03	0.03	0.07
Mo	0.23	0.20	0.31
Ni	0.67	0.60	1.70
Se	0.00	0.00	0.13
Zn	14.20	12.67	27.51
Plant Available - N	179.02	159.76	587.61

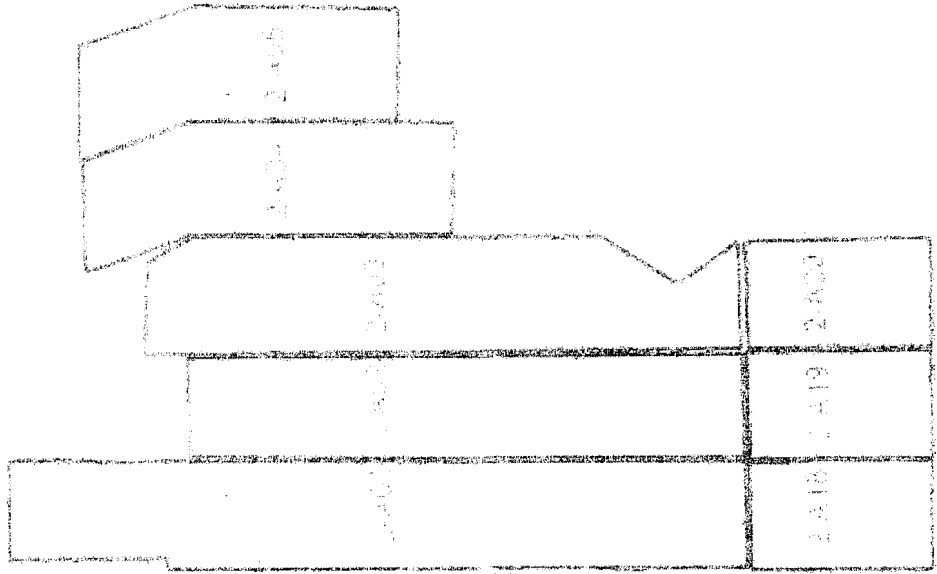
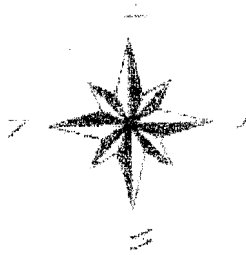
Field Report - January 2006

Field Code: YM 1-8
 Date: 2/1/2006
 Total Acres: 73.91
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Corn
 Crop Nitrogen Usage: 300 #/acre
 Date Started: 1/27/2006
 Date Seeded: Mar-06
 Date Harvested: Sep-06

Wet Tons Applied For Current Cropping Season: 494.20
 Dry Tons Applied For Current Cropping Season: 133.42
 Metric Tons Applied For Current Cropping Season: 448.63
 Metric Dry Tons Applied For Current Cropping Season: 121.12

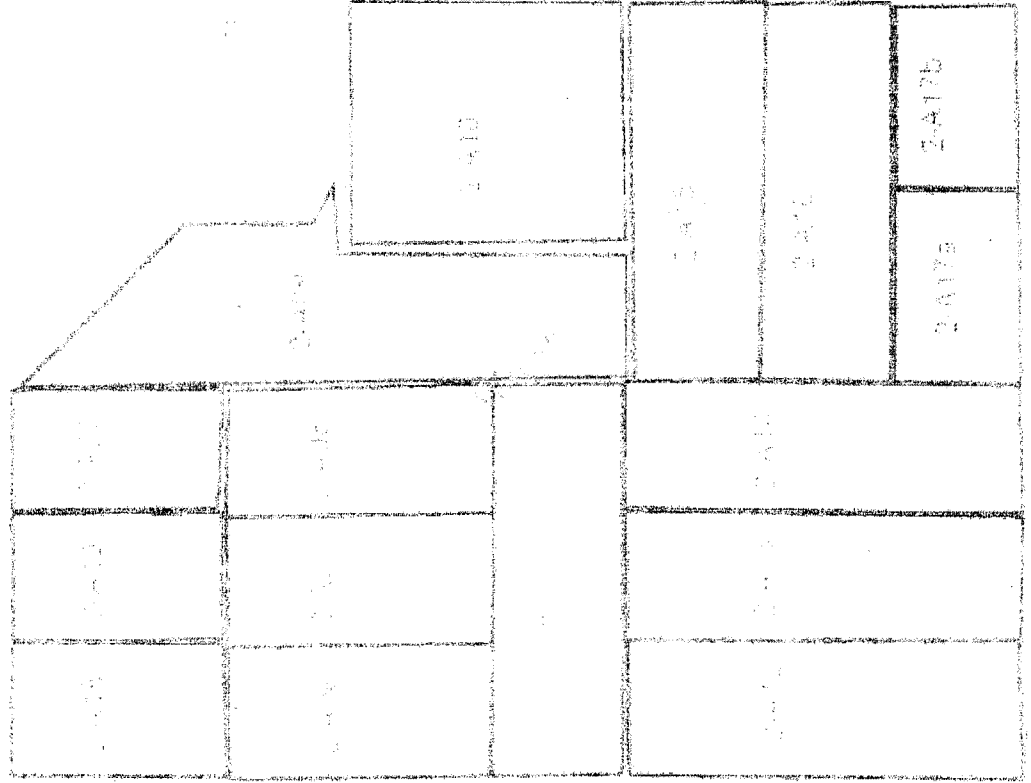
Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	181.79	162.23	363.58
NH3	1.26	1.12	2.52
NO3	0.00	0.00	0.00
Organic N	180.53	161.11	361.06
As	0.00	0.00	0.00
Cd	0.01	0.01	0.03
Cr	0.16	0.14	0.32
Cu	2.19	1.95	4.38
Pb	0.06	0.06	0.13
Hg	0.01	0.01	0.01
Mo	0.05	0.04	0.09
Ni	0.12	0.11	0.24
Se	0.00	0.00	0.00
Zn	2.98	2.66	5.96
Plant Available - N	36.74	32.78	73.47

Cullison Farm - Aztec North Section 24, T7S, R11W

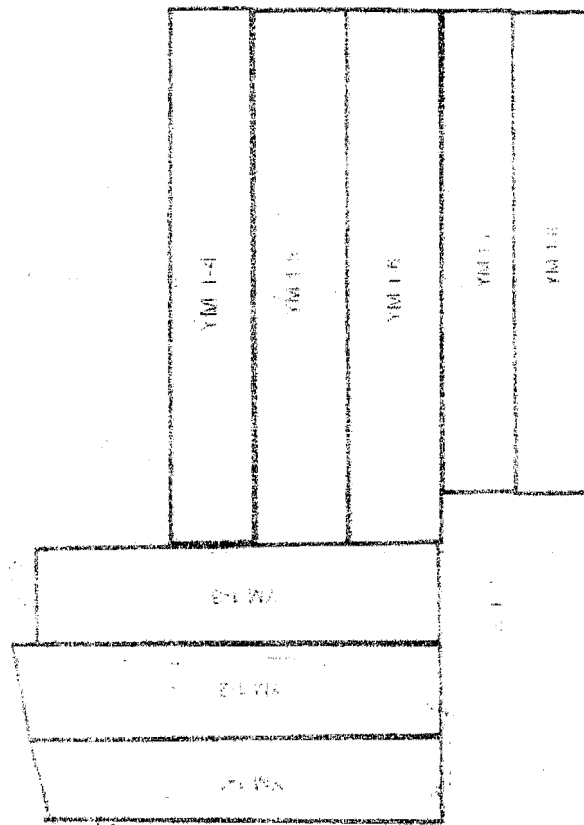
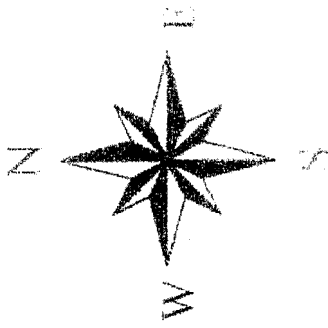


2001
R11W

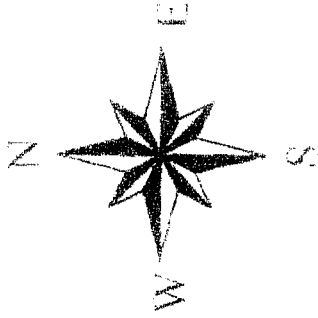
Cullison Farm - Aztec South Section 25, T7S, R11W



Norris Farms Aztec Fields



Norris Farms Aztec Fields



YM 1-15	YM 1-16
YM 1-17	YM 1-18
YM 1-19	YM 1-20



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: SOLID SAMPLES

Sampled: 01/27/06
Received: 01/27/06
Issued: 02/07/06 11:00

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID
IPA2411-01

CLIENT ID
MBC

MATRIX
Soil

Reviewed By:

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager



Del Mar Analytical

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 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: SOLID SAMPLES

Report Number: IPA2411

Sampled: 01/27/06
 Received: 01/27/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPA2411-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6A30093	7.3	ND	1	1/30/2006	1/31/2006	
Cadmium	EPA 6010B	6A30093	1.8	2.7	1	1/30/2006	1/31/2006	
Chromium	EPA 6010B	6A30093	3.6	35	1	1/30/2006	1/31/2006	
Copper	EPA 6010B	6A30093	7.3	610	1	1/30/2006	1/31/2006	
Lead	EPA 6010B	6A30093	7.3	17	1	1/30/2006	1/31/2006	
Mercury	EPA 7471A	6B01102	0.073	1.7	1	2/1/2006	2/1/2006	
Molybdenum	EPA 6010B	6A30093	7.3	12	1	1/30/2006	1/31/2006	
Nickel	EPA 6010B	6A30093	7.3	22	1	1/30/2006	1/31/2006	
Selenium	EPA 6010B	6A30093	7.3	ND	1	1/30/2006	1/31/2006	
Zinc	EPA 6010B	6A30093	18	760	1	1/30/2006	1/31/2006	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: SOLID SAMPLES

Report Number: IPA2411

Sampled: 01/27/06
 Received: 01/27/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPA2411-01 (MBC - Soil)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6A31129	0.10	27	1	1/31/2006	1/31/2006	
Sample ID: IPA2411-01 (MBC - Soil)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6B03118	50	290	10	2/3/2006	2/6/2006	
Nitrate-N	EPA 300.0	6B01097	1.1	ND	0.998	2/1/2006	2/1/2006	

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: SOLID SAMPLES

Report Number: IPA2411

Sampled: 01/27/06
 Received: 01/27/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPA2411-01 (MBC - Soil)								
Reporting Units: %								
Total Solids	SM 2540B	6A31006	0.10	28	1	1/31/2006	1/31/2006	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: SOLID SAMPLES

Report Number: IPA2411

Sampled: 01/27/06
 Received: 01/27/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPA2411-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6A31032	1800	43000	5	1/31/2006	2/1/2006	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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IPAZ411

Page 1 of 1

Client Name / Address	Project / PO Number	Project Manager	Phone Number	Fax Number	Sample ID	Container Type	Sample Matrix	# of Cont	Sampling Date	Sampling Time	Preservatives	Analysis Required	Special Restrictions
STUD SOLUTIONS 1230 SEAL BEACH BLVD AB-313 SEAL BEACH CA 92740	SOLID SAMPLES BLANKET	BRAN REYES	(707) 340-0000	(707) 340-0004	IPAZ409	G	S	1	11/21/06	1:00 PM		PERIOD: ALL METALS IN SOLY	
		BRAN REYES			IPAZ410	G	S	1	12:00 PM	2:00 PM		WT. SUBSANT TKN	
		BRAN REYES			IPAZ411	G	S	1	9:30 AM	10:30 AM		PERIOD: ALL METALS IN SOLY	
		BRAN REYES			IPAZ412	G	S	1	10:15 AM			PERIOD: ALL METALS IN SOLY	
		BRAN REYES				G	S	1				PERIOD: ALL METALS IN SOLY	

Relinquished By	Date/Time	Received By	Date/Time	Turnaround Time (Check)
BRAN REYES	11/21/2006 5:15 PM			same day
				24 hours
				48 hours
				normal
				72 hours
				5 days

Relinquished By	Date/Time	Received By	Date/Time	Sample Integrity (Check)
BRAN REYES	11/21/2006 11:15			intact
				normal
				other

Note: By relinquishing samples to Dol Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For February 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - February 2006

Date: 3/1/2006

County: Yuma

Field Number: YM 1-8

Number of Acres: 73.91

Month Applied:	Feb-06	
Wet Tons Applied:	993.23	
Percent Solids:	26	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	47000.00	368.01
NH3	990.00	7.75
NO3	0.00	0.00
Organic N	46010.00	360.26
As	0.00	0.00
Cd	0.00	0.00
Cr	42.00	0.33
Cu	640.00	5.01
Pb	21.00	0.16
Hg	1.40	0.01
Mo	15.0	0.12
Ni	25.0	0.20
Se	10.0	0.08
Zn	790.00	6.19
PAN	9697.00	75.93

City of San Diego Monthly Application Summary - February 2006

Date: 3/1/2006

County: Yuma

Field Number: YM 1-2

Number of Acres: 74.45

Month Applied:	Feb-06	
Wet Tons Applied:	346.44	
Percent Solids:	26	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	47000.00	127.43
NH3	990.00	2.68
NO3	0.00	0.00
Organic N	46010.00	124.75
As	0.00	0.00
Cd	0.00	0.00
Cr	42.00	0.11
Cu	640.00	1.74
Pb	21.00	0.06
Hg	1.40	0.00
Mo	15.0	0.04
Ni	25.0	0.07
Se	10.0	0.03
Zn	790.00	2.14
PAN	9697.00	26.29

Date	Ticket No.	WtTicket#	Destination	Gross	Tare	Net	Tons
2/1/06	41966	21292112	YM 1-8	79800	32620	47180	23.59
2/1/06	41968	21292106	YM 1-8	79820	30320	49500	24.75
2/1/06	41969	21292110	YM 1-8	79940	28480	51460	25.73
2/1/06	41970	21292113	YM 1-8	80460	30840	49620	24.81
2/2/06	41986	21292427	YM 1-8	80060	30420	49640	24.82
2/2/06	41987	21292437	YM 1-8	79860	30340	49520	24.76
2/2/06	41996	21292523	YM 1-8	79520	28420	51100	25.55
2/3/06	42004	20119111	YM 1-8	79840	30420	49420	24.71
2/3/06	42005	20119121	YM 1-8	79960	30340	49620	24.81
2/6/06	42021	20119763	YM 1-8	79740	28660	51080	25.54
2/6/06	42023	20119777	YM 1-8	79700	32720	46980	23.49
2/6/06	42024	20119769	YM 1-8	80040	30320	49720	24.86
2/6/06	42025	20119775	YM 1-8	79960	30380	49580	24.79
2/7/06	42040	131183	YM 1-8	79400	32580	46820	23.41
2/7/06	42041	21829604	YM 1-8	79280	28840	50440	25.22
2/7/06	42042	20120107	YM 1-8	79500	30920	48580	24.29
2/8/06	42058	20120153	YM 1-8	79480	32600	46880	23.44
2/8/06	42059	20120161	YM 1-8	79540	30380	49160	24.58
2/8/06	42060	20120163	YM 1-8	79860	28420	51440	25.72
2/9/06	42078	21829921	YM 1-8	79400	28380	51020	25.51
2/9/06	42079	21829935	YM 1-8	79680	32540	47140	23.57
2/10/06	42094	21830240	YM 1-8	79280	32580	46700	23.35
2/10/06	42095	21830262	YM 1-8	79580	30320	49260	24.63
2/10/06	42096	21830261	YM 1-8	80740	28400	52340	26.17
2/13/06	42112	20971841	YM 1-8	79060	29960	49100	24.55
2/13/06	42113	20971840	YM 1-8	79520	28500	51020	25.51
2/14/06	42132	20972152	YM 1-8	79680	28500	51180	25.59
2/15/06	42151	20972451	YM 1-8	79980	32460	47520	23.76
2/15/06	42152	20972452	YM 1-8	79340	28580	50760	25.38
2/16/06	42171	21013550	YM 1-8	80160	28880	51280	25.64
2/16/06	42172	21013508	YM 1-8	79520	28740	50780	25.39
2/16/06	42173	21013547	YM 1-8	79640	29720	49920	24.96
2/16/06	42176	21013499	YM 1-8	79720	32480	47240	23.62
2/17/06	42189	21013811	YM 1-8	79560	28820	50740	25.37
2/17/06	42190	21013863	YM 1-8	79980	30520	49460	24.73
2/17/06	42191	21013874	YM 1-8	79740	29820	49920	24.96
2/20/06	42200	20991416	YM 1-8	79520	28680	50840	25.42
2/21/06	42218	20991691	YM 1-8	79680	28500	51180	25.59
2/22/06	42236	20992009	YM 1-8	79640	29400	50240	25.12
2/22/06	42237	20992020	YM 1-8	79540	28460	51080	25.54
2/23/06	42257	20992343	YM 1-2	80000	30060	49940	24.97
2/23/06	42256	20992364	YM 1-2	79780	29400	50380	25.19
2/24/06	42270	20647208	YM 1-2	80040	28280	51760	25.88
2/24/06	42272	20647249	YM 1-2	79320	31000	48320	24.16
2/24/06	42273	20647250	YM 1-2	80360	30980	49380	24.69
2/24/06	42274	20647223	YM 1-2	79900	30280	49620	24.81
2/24/06	42278	20647242	YM 1-2	79220	32620	46600	23.3
2/25/06	42292	20647730	YM 1-2	79900	29320	50580	25.29

Date	Ticket No.	WtTicket#	Destination	Gross	Tare	Net	Tons
2/25/06	42293	20647640	YM 1-2	79540	30220	49320	24.66
2/25/06	42294	20647731	YM 1-2	79920	31000	48920	24.46
2/27/06	42305	20647731	YM 1-2	79920	31000	48920	24.64
2/28/06	42324	20647731	YM 1-2	79920	31000	48920	24.61
2/28/06	42325	20647731	YM 1-2	79920	31000	48920	25.57
2/28/06	42332	20647731	YM 1-2	79920	31000	48920	24.21
							1339.67

Field Report - February 2006

Field Code: YM 1-8
 Date: 3/1/2006
 Total Acres: 73.91
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Corn
 Crop Nitrogen Usage: 300 #/acre
 Seeding Date: Apr-06
 Harvesting Date: Sep-06

Wet Tons Applied: 2291.7
 Dry Tons Applied: 549.24
 Metric Tons Applied: 2080.41
 Metric Dry Tons Applied: 498.60
 Wet Metric Tons/ha: 69.54
 Dry Metric Tons/ha: 16.67
 Wet Tons Applied/acre: 31.01

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	860.36	767.79	1720.72
NH3	11.38	10.15	22.75
NO3	0.00	0.00	0.00
Organic N	848.98	757.63	1697.97
As	0.00	0.00	0.00
Cd	0.07	0.06	0.13
Cr	0.88	0.79	1.76
Cu	9.01	8.04	18.02
Pb	0.29	0.26	0.58
Hg	0.03	0.03	0.06
Mo	0.23	0.21	0.46
Ni	0.72	0.64	1.44
Se	0.08	0.07	0.16
Zn	13.12	11.71	26.25
Plant Available - N	175.49	156.60	350.97

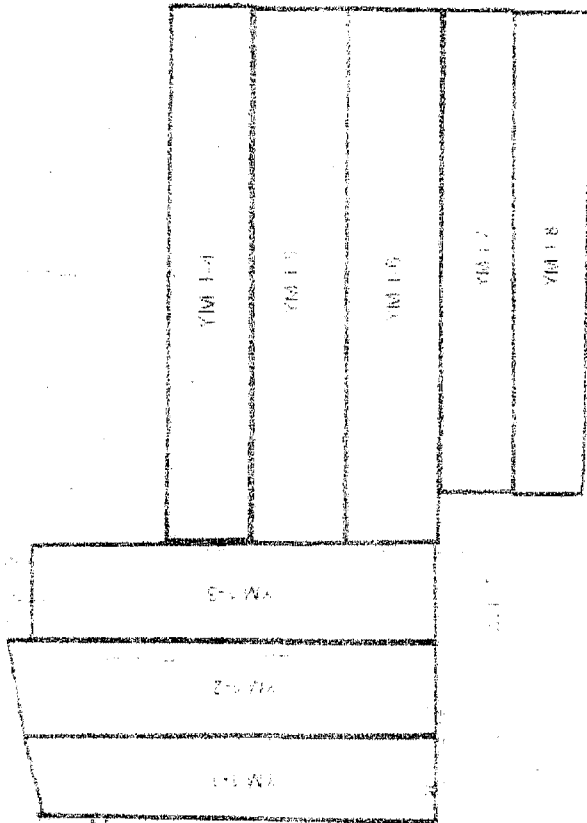
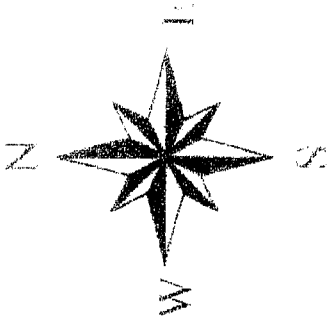
Field Report - February 2006

Field Code: YM 1-2
 Date: 3/1/2006
 Total Acres: 73.91
 Latitude: 32.4950 N
 Longitude: 113.2400 W
 Crop: Corn
 Crop Nitrogen Usage: 300 #/acre
 Seeding Date: Apr-06
 Harvesting Date: Sep-06

Wet Tons Applied: 519.25
 Dry Tons Applied: 125.89
 Metric Tons Applied: 471.38
 Metric Dry Tons Applied: 114.28
 Wet Metric Tons/ha: 15.76
 Dry Metric Tons/ha: 3.82
 Wet Tons Applied/acre: 7.03

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	174.99	156.17	14623.47
NH3	3.05	2.72	1639.16
NO3	0.00	0.00	0.90
Organic N	171.95	153.44	12224.81
As	0.00	0.00	0.09
Cd	0.01	0.01	0.09
Cr	0.18	0.16	0.96
Cu	2.01	1.80	12.82
Pb	0.07	0.06	0.57
Hg	0.01	0.00	0.06
Mo	0.05	0.05	5.14
Ni	0.13	0.12	1.03
Se	0.03	0.02	0.15
Zn	2.75	2.45	19.52
Plant Available - N	35.91	32.05	203.66

Norris Farms Aztec Fields





LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project: Solid Samples Blanket

Sampled: 02/28/06
Received: 02/28/06
Issued: 03/13/06 16:08

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.
ADDITIONAL INFORMATION: Complete final report including results for TKN from Babcock.

LABORATORY ID	CLIENT ID	MATRIX
IPC0008-01	MBC	Soil

Reviewed By:

Kathleen A. Robb
Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager



Del Mar Analytical

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPC0008

Sampled: 02/28/06
 Received: 02/28/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC0008-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6C02079	7.5	ND	1	3/2/2006	3/2/2006	
Cadmium	EPA 6010B	6C02079	1.9	ND	1	3/2/2006	3/2/2006	
Chromium	EPA 6010B	6C02079	3.8	42	1	3/2/2006	3/2/2006	
Copper	EPA 6010B	6C02079	7.5	640	1	3/2/2006	3/2/2006	
Lead	EPA 6010B	6C02079	7.5	21	1	3/2/2006	3/2/2006	
Mercury	EPA 7471A	6C02057	0.075	1.4	1	3/2/2006	3/2/2006	
Molybdenum	EPA 6010B	6C02079	7.5	15	1	3/2/2006	3/2/2006	
Nickel	EPA 6010B	6C02079	7.5	25	1	3/2/2006	3/2/2006	
Selenium	EPA 6010B	6C02079	7.5	10	1	3/2/2006	3/2/2006	
Zinc	EPA 6010B	6C02079	19	790	1	3/2/2006	3/2/2006	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket
Report Number: IPC0008

Sampled: 02/28/06
Received: 02/28/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC0008-01 (MBC - Soil)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6C02132	0.10	27	1	3/2/2006	3/2/2006	
Sample ID: IPC0008-01 (MBC - Soil)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6C08127	100	990	20	3/8/2006	3/8/2006	M-HA
Nitrate-N	EPA 300.0	6C02082	1.1	ND	0.998	3/2/2006	3/2/2006	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPC0008

Sampled: 02/28/06
Received: 02/28/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC0008-01 (MBC - Soil)								
Reporting Units: %								
Total Solids	SM 2540B	6C03015	0.10	26	1	3/3/2006	3/3/2006	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket
Report Number: IPC0008

Sampled: 02/28/06
Received: 02/28/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC0008-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6C08061	1900	47000	5	3/8/2006	3/10/2006	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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IPC0008 <Page 5 of 13>



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300008

Del Mar Analytical, Inc. 300008
 10111 Valley Drive, Suite 200, San Diego, CA 92121 (619) 444-0007 FAX (619) 444-0008
 424 Chesapeake Dr. Suite 205 San Diego, CA 92121 (619) 594-0750 FAX (619) 594-0751
 3830 Jamboree St. Suite 100, Poway, CA 92064 (619) 441-0011 FAX (619) 441-0012
 Del Mar, California 92014 Fax (619) 444-0008

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address SOLID SOLUTIONS 12340 SEAL BEACH BLVD., # B-383 SEAL BEACH CA 90740			Project/PO Number SOLID SAMPLES BLANKET			Analysis Required							
Project Manager CHRIS MARKS			Phone Number 760-434-0003			Ag, Cd, Cr, Cu, Pb Pb, Hg, Se, Ni, Zn TKA, NO3, NH3							
Sampler			Fax Number 760-434-0004										
Sample Description	Sample Matrix	Container Type	# of Cont	Sampling Date/Time	Preservation	Special Instructions							
MBC	S 802	G	1	2/28/06 11:00AM		* REPORT METALS IN PPT WEIGHT * SUB-OUT TEN							
Relinquished By B. Reynolds			Date/Time 2-28-06 1600		Received by Mark Meriton			Date/Time 2-28-06 1600		Turnaround Time (Check)			
Relinquished By Mark Meriton			Date/Time 2-28-06 1720		Received by			Date/Time 2/28/06 1720		Same Day _____ 72 Hours _____			
Relinquished By			Date/Time		Received in Lab by			Date/Time		24 Hours _____ 5 Days _____			
										48 Hours _____ Normal <input checked="" type="checkbox"/>			
										Sample Integrity (Check) Intact <input checked="" type="checkbox"/> On Ice <input checked="" type="checkbox"/>			

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Samples will be disposed of after 30 days.

SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For March 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - March 2006

Date: 4/1/2006
 County: Yuma

Field Number: YM 1-2
 Number of Acres: 74.45

Month Applied:	Mar-06	
Wet Tons Applied:	1035.89	
Percent Solids:	29	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	42000.00	379.79
NH3	1300.00	11.76
NO3	0.00	0.00
Organic N	40700.00	368.03
As	0.00	0.00
Cd	0.00	0.00
Cr	40.00	0.36
Cu	670.00	6.06
Pb	21.00	0.19
Hg	1.90	0.02
Mo	15.0	0.14
Ni	23.0	0.21
Se	7.7	0.07
Zn	1300.00	11.76
PAN	8790.00	79.48

City of San Diego Monthly Application Summary - March 2006

Date: 4/1/2006
County: Yuma

Field Number: YM 1-7
Number of Acres: 60.79

Month Applied:	Mar-06	
Wet Tons Applied:	324.83	
Percent Solids:	29	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	42000.00	145.85
NH3	1300.00	4.51
NO3	0.00	0.00
Organic N	40700.00	141.34
As	0.00	0.00
Cd	0.00	0.00
Cr	40.00	0.14
Cu	670.00	2.33
Pb	21.00	0.07
Hg	1.90	0.01
Mo	15.0	0.05
Ni	23.0	0.08
Se	7.7	0.03
Zn	1300.00	4.51
PAN	8790.00	30.52

City of San Diego Monthly Application Summary - March 2006

Date: 4/1/2006

County: Yuma

Field Number: YM 1-19

Number of Acres: 49.53

Month Applied:	Mar-06	
Wet Tons Applied:	24.99	
Percent Solids:	29	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	42000.00	13.77
NH3	1300.00	0.43
NO3	0.00	0.00
Organic N	40700.00	13.35
As	0.00	0.00
Cd	0.00	0.00
Cr	40.00	0.01
Cu	670.00	0.22
Pb	21.00	0.01
Hg	1.90	0.00
Mo	15.0	0.00
Ni	23.0	0.01
Se	7.7	0.00
Zn	1300.00	0.43
PAN	8790.00	2.88

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
3/1/06	42343	21831060	YM 1-2	79260	31060	48200	24.10
3/1/06	42344	21831062	YM 1-2	79660	28320	51340	25.67
3/1/06	42345	21831063	YM 1-2	79700	30280	49420	24.71
3/2/06	42362	21831316	YM 1-2	79900	28360	51540	25.77
3/2/06	42363	21831321	YM 1-2	79840	30280	49560	24.78
3/3/06	42381	21831734	YM 1-2	79940	30380	49560	24.78
3/3/06	42382	21831737	YM 1-2	79960	30380	49580	24.79
3/3/06	42383	21831674	YM 1-2	79500	30220	49280	24.64
3/3/06	42385	21831678	YM 1-2	79720	30400	49320	24.66
3/6/06	42399	22596773	YM 1-2	79520	31680	47840	23.92
3/6/06	42400	22596758	YM 1-2	79620	28380	51240	25.62
3/6/06	42402	22596765	YM 1-2	79440	30260	49180	24.59
3/7/06	42414	22597015	YM 1-2	79640	30380	49260	24.63
3/7/06	42415	22597081	YM 1-2	79720	31680	48040	24.02
3/7/06	42416	22597037	YM 1-2	80080	28360	51720	25.86
3/7/06	42417	22597096	YM 1-2	78580	31020	47560	23.78
3/7/06	42418	22597084	YM 1-2	79760	31260	48500	24.25
3/8/06	42420	22597336	YM 1-2	79360	30240	49120	24.56
3/8/06	42421	21305049	YM 1-2	80140	28480	51660	25.83
3/8/06	42422	22597351	YM 1-2	79700	31660	48040	24.02
3/8/06	42423	22597350	YM 1-2	80100	31260	48840	24.42
3/8/06	42424	22597360	YM 1-2	79760	32560	47200	23.60
3/8/06	42427	22597373	YM 1-2	79480	30220	49260	24.63
3/9/06	42436	21305166	YM 1-2	79640	31260	48380	24.19
3/9/06	42437	21305154	YM 1-2	79580	30300	49280	24.64
3/9/06	42439	21305165	YM 1-2	80000	31680	48320	24.16
3/9/06	42446	21305215	YM 1-2	79560	30640	48920	24.46
3/10/06	42454	21305487	YM 1-2	79600	31680	47920	23.96
3/10/06	42455	21305498	YM 1-2	80080	31300	48780	24.39
3/10/06	42456	21305485	YM 1-2	79660	30120	49540	24.77
3/10/06	42457	21305802	YM 1-2	79640	28220	51420	25.71
3/13/06	42476	21540488	YM 1-2	79800	32720	47080	23.54
3/14/06	42496	21540769	YM 1-2	79540	30420	49120	24.56
3/14/06	42501	21540821	YM 1-2	79520	30300	49220	24.61
3/14/06	42502	21540823	YM 1-2	79860	28520	51340	25.67
3/15/06	42514	21541174	YM 1-2	79700	32960	46740	23.37
3/15/06	42515	21541173	YM 1-2	79620	30660	48960	24.48
3/15/06	42516	21541109	YM 1-2	79860	30140	49720	24.86
3/15/06	42517	21541119	YM 1-2	79480	28400	51080	25.54
3/16/06	42536	21541370	YM 1-2	79880	28400	51480	25.74
3/16/06	42537	21541367	YM 1-2	80120	30260	49860	24.93
3/16/06	42538	21541375	YM 1-2	79840	30480	49360	24.68
3/20/06	42583	20345445	YM 1-7	80140	28460	51680	25.84
3/20/06	42584	20345455	YM 1-7	80540	30560	49980	24.99
3/21/06	42608	21799906	YM 1-7	80240	30480	49760	24.88
3/22/06	42618	21800133	YM 1-7	80180	30760	49420	24.71
3/22/06	42621	21800142	YM 1-7	80040	31840	48200	24.10
3/22/06	42624	21800159	YM 1-7	80140	28400	51740	25.87

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
3/22/06	42625	21800173	YM 1-7	80120	30080	50040	25.02
3/23/06	42641	21800398	YM 1-7	79580	28340	51240	25.62
3/23/06	42642	21800420	YM 1-7	79900	29360	50540	25.27
3/24/06	42659	21800887	YM 1-7	79880	31080	48800	24.40
3/28/06	42705	21800887	YM 1-7	79940	30340	49600	24.80
3/30/06	42724	21800887	YM 1-7	79940	30380	49560	24.78
3/30/06	42725	21800887	YM 1-7	80000	30900	49100	24.55
3/31/06	42743	21800887	YM 1-19	80360	30380	49980	24.99
							1385.71

Field Report - March 2006

Field Code: YM 1-2
 Date: 4/1/2006
 Total Acres: 73.91
 Latitude: 32.4950 N
 Longitude: 113.2400 W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480 #/acre
 Seeding Date: May-06
 Harvesting Date: Sep-06

Wet Tons Applied: 2313.65
 Dry Tons Applied: 614.33
 Metric Tons Applied: 2100.33
 Metric Dry Tons Applied: 557.69
 Wet Metric Tons/ha: 70.20
 Dry Metric Tons/ha: 18.64
 Wet Tons Applied/acre: 31.30

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	852.80	761.04	15301.27
NH3	19.04	16.99	1655.15
NO3	0.00	0.00	0.90
Organic N	833.76	744.05	12886.63
As	0.00	0.00	0.09
Cd	0.09	0.08	0.18
Cr	0.92	0.82	1.71
Cu	9.92	8.85	20.73
Pb	0.33	0.29	0.84
Hg	0.03	0.03	0.08
Mo	0.26	0.23	5.35
Ni	1.06	0.95	1.96
Se	0.14	0.12	0.26
Zn	18.75	16.73	35.52
Plant Available - N	176.27	157.30	344.02

Field Report - March 2006

Field Code: YM 1-7
 Date: 4/1/2006
 Total Acres: 60.79
 Latitude: 32.4836 N
 Longitude: 113.2615 W
 Crop: Corn
 Crop Nitrogen Usage: 300 #/acre
 Seeding Date: May-06
 Harvesting Date: Sep-06

Wet Tons Applied: 964.10
 Dry Tons Applied: 250.07
 Metric Tons Applied: 875.21
 Metric Dry Tons Applied: 227.01
 Wet Metric Tons/ha: 35.57
 Dry Metric Tons/ha: 9.23
 Wet Tons Applied/acre: 15.86

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	454.98	406.02	1133.86
NH3	8.96	7.99	114.80
NO3	0.00	0.00	0.01
Organic N	446.02	398.03	1019.05
As	0.00	0.00	3.61
Cd	0.09	0.08	0.14
Cr	0.56	0.50	0.98
Cu	4.25	3.79	10.47
Pb	0.14	0.13	0.71
Hg	0.01	0.01	0.04
Mo	0.13	0.12	0.37
Ni	0.89	0.79	1.21
Se	0.07	0.06	0.12
Zn	8.93	7.97	16.27
Plant Available - N	93.68	83.60	182.85

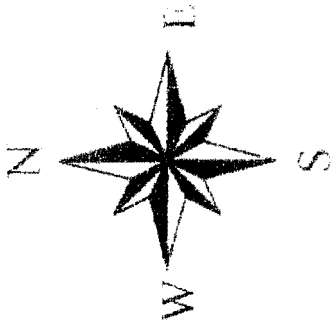
Field Report - March 2006

Field Code: YM 1-19
 Date: 4/1/2006
 Total Acres: 49.53
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: May-06
 Harvesting Date: Sep-06

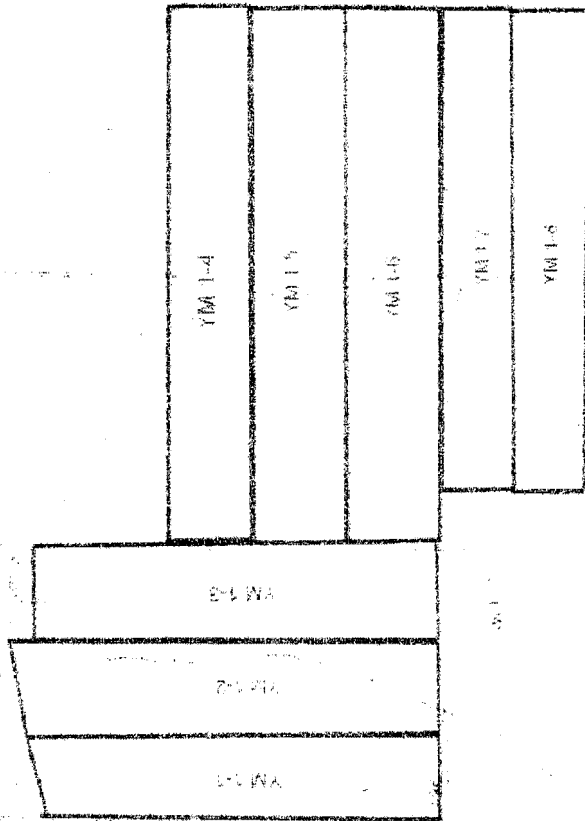
Wet Tons Applied: 72.39
 Dry Tons Applied: 19.10
 Metric Tons Applied: 65.72
 Metric Dry Tons Applied: 17.34
 Wet Metric Tons/ha: 3.28
 Dry Metric Tons/ha: 0.86
 Wet Tons Applied/acre: 1.46

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	42.19	37.65	249.09
NH3	0.84	0.75	18.29
NO3	0.00	0.00	0.00
Organic N	41.34	36.89	212.29
As	0.00	0.00	0.09
Cd	0.01	0.01	0.08
Cr	0.06	0.05	0.47
Cu	0.40	0.35	4.53
Pb	0.01	0.01	0.17
Hg	0.00	0.00	0.02
Mo	0.01	0.01	0.04
Ni	0.09	0.08	0.63
Se	0.01	0.01	0.14
Zn	0.83	0.74	8.48
Plant Available - N	8.69	7.76	84.85

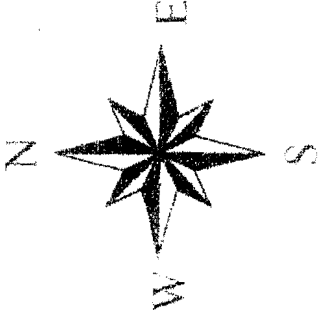
Norris Farms Aztec Fields



Handwritten notes and faint text, possibly including 'Norris Farms' and 'Aztec Fields', are visible in the upper left quadrant of the page.



Norris Farms Aztec Fields



YM 1-15	YM 1-16
YM 1-17	YM 1-18
YM 1-19	YM 1-20



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Solid Samples

Sampled: 03/23/06
Received: 03/23/06
Revised: 04/18/06 17:47

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: This is a revised report due to revised subcontract data for TKN.

LABORATORY ID
IPC2464-01

CLIENT ID
MBC

MATRIX
Solid

Reviewed By:

Del Mar Analytical - Irvine
Trevor Brenner For Kathleen A. Robb
Project Manager



Del Mar Analytical

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 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Solid Samples
 Report Number: IPC2464

Sampled: 03/23/06
 Received: 03/23/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC2464-01 (MBC - Solid)								
Reporting Units: mg/kg								
Arsenic	EPA 6010B	6C27086	2.0	ND	1	3/27/2006	3/28/2006	
Cadmium	EPA 6010B	6C27086	0.50	ND	1	3/27/2006	3/28/2006	
Chromium	EPA 6010B	6C27086	1.0	11	1	3/27/2006	3/28/2006	
Copper	EPA 6010B	6C27086	2.0	190	1	3/27/2006	3/28/2006	
Lead	EPA 6010B	6C27086	2.0	5.9	1	3/27/2006	3/28/2006	
Mercury	EPA 7471A	6C30094	0.020	0.54	1	3/30/2006	3/30/2006	
Molybdenum	EPA 6010B	6C27086	2.0	4.1	1	3/27/2006	3/28/2006	
Nickel	EPA 6010B	6C27086	2.0	6.6	1	3/27/2006	3/28/2006	
Selenium	EPA 6010B	6C27086	2.0	2.2	1	3/27/2006	3/28/2006	
Zinc	EPA 6010B	6C27086	5.0	360	1	3/27/2006	3/28/2006	

Del Mar Analytical - Irvine
 Trevor Brenner For Kathleen A. Robb
 Project Manager

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Solid Samples
 Report Number: IPC2464

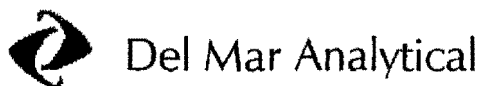
Sampled: 03/23/06
 Received: 03/23/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC2464-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6C28071	0.10	28	1	3/28/2006	3/28/2006	
Sample ID: IPC2464-01 (MBC - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6D03096	250	1300	50	4/3/2006	4/3/2006	
Nitrate-N	EPA 300.0	6C24077	1.1	ND	0.995	3/24/2006	3/24/2006	

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 Trevor Brenner For Kathleen A. Robb
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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Solid Samples
 Report Number: IPC2464

Sampled: 03/23/06
 Received: 03/23/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC2464-01 (MBC - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6C27018	0.10	29	1	3/27/2006	3/27/2006	

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 Trevor Brenner For Kathleen A. Robb
 Project Manager

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Solid Samples
 Report Number: IPC2464

Sampled: 03/23/06
 Received: 03/23/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC2464-01RE1 (MBC - Solid)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6D12010	3500	42000	10	4/12/2006	4/14/2006	

Del Mar Analytical - Irvine
 Trevor Brenner For Kathleen A. Robb
 Project Manager

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IPC2464



12401 Roman Ave. Irvine, CA 92618-7837 (949) 451-1222 FAX (949) 260-1259
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 9830 South 17th St., Suite B-120, Phoenix, AZ 85041 (480) 355-0003 FAX (480) 355-0651
 2522 E. Sunset Rd., Suite 100, Las Vegas, NV 89119 (702) 992-6270 FAX (702) 992-6221

CHAIN OF CUSTODY FORM

Client Name/Address: SOLID SOLUTIONS 12340 SEAL BEACH BLVD., # B-383 SEAL BEACH CA 90740			Project/PO Number: SOLID SAMPLES BLANKET			Analysis Required															
Project Manager: BRIAN REYES			Phone Number: 760-434-0003			AS	LD	CS	CUT	HTG	N	M	P	D	S	Zn	TEN	NO:	NHS		
Sample: BRIAN REYES			Fax Number: 760-434-0004																		
Sample Description	Sample Matrix	Container Type	# of Cans	Sampling Date/Time	Preservation	AS	LD	CS	CUT	HTG	N	M	P	D	S	Zn	TEN	NO:	NHS	Special Instructions	
MBC	S	G	1	3/23/06 10:00AM		X	X	X	X	X	X	X	X	X	X	X	X	X	X	* SUBSTITUTED	
R-TV	S	G	1			X	X	X	X	X	X	X	X	X	X	X	X	X	X	* REJECT IN DRY WGT	
SBN-HOPPER	S	G	1			X	X	X	X	X	X	X	X	X	X	X	X	X	X	* SERIOUS PROBLEM! B2	
																				* MBC	
																				* R-TV	
																				* SBN-HOPPER	
Relinquished By: <i>B. Reyes</i>	Date/Time: 3/23/06 1440	Received by:	Date/Time:	Turnaround Time: (Check)	Same Day	72 Hours	24 Hours	5 Days	48 Hours	Normal											
Relinquished By:	Date/Time:	Received by:	Date/Time:	Sample Integrity (Check)	Intact	On Ice															
Relinquished By:	Date/Time:	Received in Lab by:	Date/Time: 3/23/06 1446	Sample Integrity (Check)	Intact	On Ice															RI

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

(Handwritten mark)

SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For April 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - April 2006

Date: 5/1/2006

County: Yuma

Field Number: YM 1-19

Number of Acres: 49.53

Month Applied:	Apr-06	
Wet Tons Applied:	887.30	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	43000.00	483.36
NH3	820.00	9.22
NO3	0.00	0.00
Organic N	42180.00	474.14
As	0.00	0.00
Cd	2.20	0.02
Cr	48.00	0.54
Cu	690.00	7.76
Pb	28.00	0.31
Hg	1.50	0.02
Mo	24.0	0.27
Ni	32.0	0.36
Se	0.0	0.00
Zn	1300.00	14.61
PAN	8846.00	99.44

City of San Diego Monthly Application Summary - April 2006

Date: 5/1/2006

County: Yuma

Field Number: YM 2-A02

Number of Acres: 87

Month Applied:	Apr-06	
Wet Tons Applied:	474.15	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	43000.00	147.05
NH3	820.00	2.80
NO3	0.00	0.00
Organic N	42180.00	144.25
As	0.00	0.00
Cd	2.20	0.01
Cr	48.00	0.16
Cu	690.00	2.36
Pb	28.00	0.10
Hg	1.50	0.01
Mo	24.0	0.08
Ni	32.0	0.11
Se	0.0	0.00
Zn	1300.00	4.45
PAN	8846.00	30.25

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
4/1/06	42755	23022276	YM 1-19	79720	30140	49580	24.79
4/3/06	42767	16369	YM 1-19	79540	28260	51280	25.64
4/3/06	42769	23022438	YM 1-19	79620	30500	49120	24.56
4/3/06	42771	23022442	YM 1-19	79680	30280	49400	24.70
4/4/06	42786	16397	YM 1-19	78640	30020	48620	24.31
4/4/06	42787	23804221	YM 1-19	80220	30420	49800	24.90
4/5/06	42802	16421	YM 1-19	79780	30120	49660	24.83
4/5/06	42803	65270	YM 1-19	79700	30460	49240	24.62
4/6/06	42816	16448	YM 1-19	79620	30280	49340	24.67
4/6/06	42817	23804316	YM 1-19	80120	30440	49680	24.84
4/7/06	42831	23022800	YM 1-19	79960	30140	49820	24.91
4/7/06	42832	23022819	YM 1-19	80200	31780	48420	24.21
4/7/06	42833	23804361	YM 1-19	79960	30560	49400	24.70
4/10/06	42860	23023092	YM 1-19	79740	30560	49180	24.59
4/10/06	42861	22551247	YM 1-19	80120	28280	51840	25.92
4/10/06	42862	23023098	YM 1-19	80320	31620	48700	24.35
4/10/06	42865	22551246	YM 1-19	79520	30040	49480	24.74
4/11/06	42882	22551289	YM 1-19	80000	31040	48960	24.48
4/11/06	42883	22551291	YM 1-19	80540	32240	48300	24.15
4/12/06	42899	22551368	YM 1-19	79540	30140	49400	24.70
4/12/06	42900	22551372	YM 1-19	79820	31620	48200	24.10
4/12/06	42905	22551380	YM 1-19	79640	30460	49180	24.59
4/13/06	42912	22551424	YM 1-19	79520	31800	47720	23.86
4/13/06	42913	22551423	YM 1-19	79580	30120	49460	24.73
4/13/06	42914	22551425	YM 1-19	80020	30380	49640	24.82
4/14/06	42928	22551482	YM 1-19	80180	32100	48080	24.04
4/14/06	42929	22551487	YM 1-19	79100	30280	48820	24.41
4/14/06	42931	22551486	YM 1-19	79420	29760	49660	24.83
4/15/06	42945	22551525	YM 1-19	79880	28480	51400	25.70
4/17/06	42955	22551565	YM 1-19	80740	30980	49760	24.88
4/18/06	42973	22551607	YM 1-19	80480	30240	50240	25.12
4/19/06	42992	22551673	YM 1-19	80520	32280	48240	24.12
4/19/06	42993	22551672	YM 1-19	79560	30500	49060	24.53
4/20/06	43010	22551696	YM 1-19	79860	30440	49420	24.71
4/20/06	43011	22551695	YM 1-19	80400	31560	48840	24.42
4/21/06	43023	22551725	YM 1-19	79280	31620	47660	23.83
4/21/06	43024	22551723	YM 2-A02	79680	30340	49340	24.67
4/21/06	43025	22551720	YM 2-A02	79220	28300	50920	25.46
4/24/06	43036	22551797	YM 2-A02	79900	31300	48600	24.30
4/24/06	43037	22551796	YM 2-A02	80480	28560	51920	25.96
4/24/06	43038	22551807	YM 2-A02	80960	31500	49460	24.73
4/24/06	43039	22551800	YM 2-A02	79600	30140	49460	24.73
4/24/06	43040		YM 2-A02	80520	30600	49920	24.96
4/24/06	43041	16795	YM 2-A02	79540	28320	51220	25.61
4/25/06	43054	22551846	YM 2-A02	79820	31420	48400	24.20
4/25/06	43055	22551845	YM 2-A02	79800	28740	51060	25.53
4/25/06	43056	22551850	YM 2-A02	80600	32160	48440	24.22
4/25/06	43057		YM 2-A02				24.68
4/26/06	43068	22551872	YM 2-A02	79820	30900	48920	24.46
4/26/06	43069	22551873	YM 2-A02	80180	28260	51920	25.96
4/26/06	43073	22551878	YM 2-A02	79820	31480	48340	24.17

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
4/27/06	43080	22551893	YM 2-A02	80020	30820	49200	24.60
4/27/06	43081	22551892	YM 2-A02	80120	28120	52000	26.00
4/28/06	43095	66462	YM 2-A02	79680	31120	48560	24.28
4/28/06	43096	66461	YM 2-A02	79920	28660	51260	25.63
							1361.45

Field Report - April 2006

Field Code: YM 1-19
 Date: 5/1/2006
 Total Acres: 49.53
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: May-06
 Harvesting Date: Sep-06

Wet Tons Applied: 1725.45
 Dry Tons Applied: 452.03
 Metric Tons Applied: 1566.36
 Metric Dry Tons Applied: 410.35
 Wet Metric Tons/ha: 78.12
 Dry Metric Tons/ha: 20.47
 Wet Tons Applied/acre: 34.84

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	977.88	872.66	1184.78
NH3	16.49	14.72	33.94
NO3	0.00	0.00	0.00
Organic N	961.38	857.94	1132.33
As	0.00	0.00	0.09
Cd	0.16	0.14	0.23
Cr	1.18	1.05	1.60
Cu	10.96	9.78	15.09
Pb	0.44	0.39	0.60
Hg	0.03	0.02	0.05
Mo	0.39	0.35	0.42
Ni	1.55	1.39	2.09
Se	0.07	0.06	0.20
Zn	21.89	19.53	29.54
Plant Available - N	200.52	178.95	660.35

Field Report - April 2006

Field Code: YM 2-A02
 Date: 5/1/2006
 Total Acres: 87
 Latitude: 32.8060 N
 Longitude: 113.3471 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: June-06
 Harvesting Date: September-06

Wet Tons Applied: 1264.90
 Dry Tons Applied: 324.52
 Metric Tons Applied: 1148.28
 Metric Dry Tons Applied: 294.60
 Wet Metric Tons/ha: 32.61
 Dry Metric Tons/ha: 8.37
 Wet Tons Applied/acre: 14.54

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	404.56	361.03	1354.76
NH3	6.46	5.77	110.53
NO3	0.00	0.00	0.01
Organic N	398.10	355.26	932.94
As	0.00	0.00	0.02
Cd	0.08	0.07	0.13
Cr	0.50	0.44	1.33
Cu	3.96	3.53	12.15
Pb	0.16	0.14	0.51
Hg	0.01	0.01	0.04
Mo	0.14	0.13	0.36
Ni	0.74	0.66	1.38
Se	0.03	0.03	0.04
Zn	8.11	7.24	20.93
Plant Available - N	82.85	73.94	307.40

113.45000° W

113.43333° W

113.41667° W

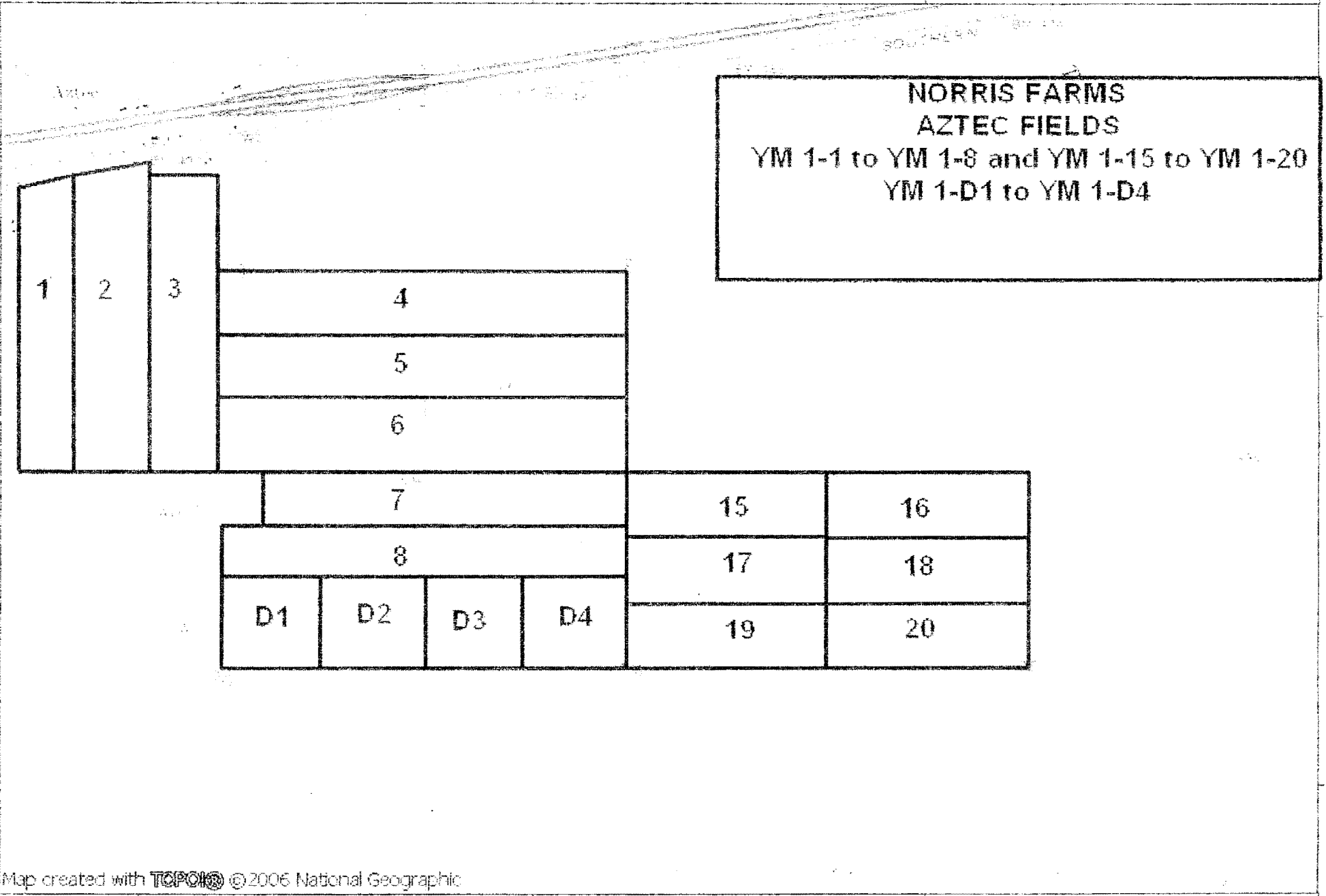
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32.81667° N

32.81667° N

32.80000° N

32.80000° N



Map created with **TOPON** ©2006 National Geographic

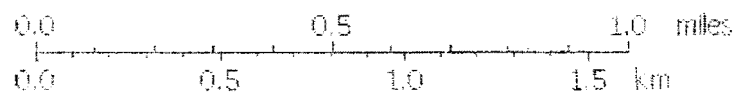
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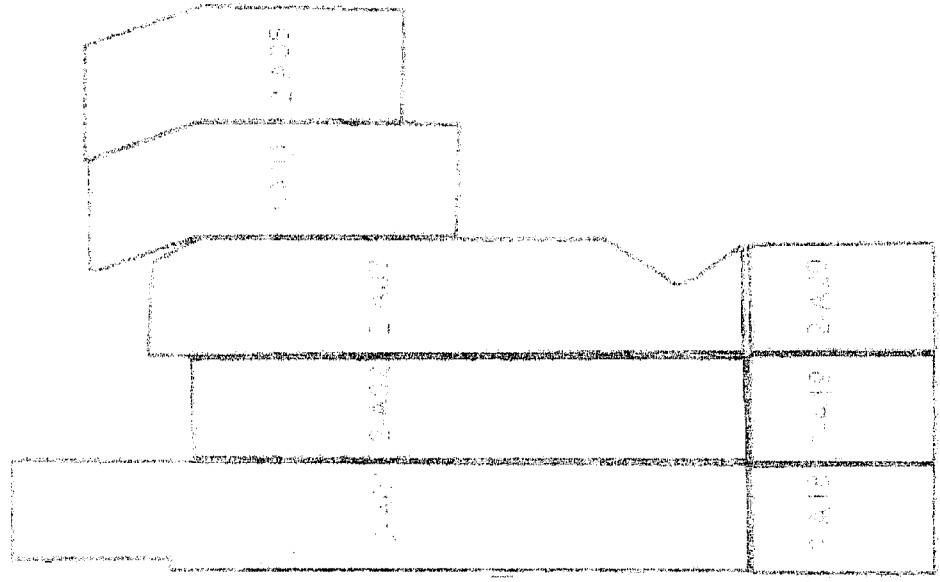
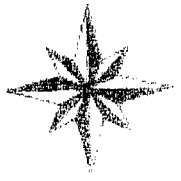
113.41667° W

WGS84 113.40000° W

NATIONAL GEOGRAPHIC



Cullison Farm - Aztec North Section 24, T7S, R11W



2401
2402

2418 2419 2420



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Solid Samples

Sampled: 04/21/06
Received: 04/21/06
Revised: 05/16/06 16:35

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: This is a revised final report to correct units for Ammonia results.

LABORATORY ID	CLIENT ID	MATRIX
IPD2142-01	MBC	Solid
IPD2142-02	SBN	Solid
IPD2142-03	RIV	Solid

Reviewed By:

[Signature]
Del Mar Analytical - Irvine
Kathleen A. Robb
Project Manager



Del Mar Analytical

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 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPD2142

Sampled: 04/21/06

Received: 04/21/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPD2142-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6D28073	7.4	ND	1	4/28/2006	4/28/2006	
Cadmium	EPA 6010B	6D28073	1.8	2.2	1	4/28/2006	4/28/2006	
Chromium	EPA 6010B	6D28073	3.7	48	1	4/28/2006	4/28/2006	
Copper	EPA 6010B	6D28073	7.4	690	1	4/28/2006	4/28/2006	
Lead	EPA 6010B	6D28073	7.4	28	1	4/28/2006	4/28/2006	
Mercury	EPA 7471A	6D28097	0.074	1.5	1	4/28/2006	4/28/2006	
Molybdenum	EPA 6010B	6D28073	7.4	24	1	4/28/2006	4/28/2006	
Nickel	EPA 6010B	6D28073	7.4	32	1	4/28/2006	4/28/2006	
Selenium	EPA 6010B	6D28073	7.4	ND	1	4/28/2006	4/28/2006	
Zinc	EPA 6010B	6D28073	18	1300	1	4/28/2006	4/28/2006	
Sample ID: IPD2142-02 (SBN - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6D28073	9.7	ND	1	4/28/2006	4/28/2006	
Cadmium	EPA 6010B	6D28073	2.4	ND	1	4/28/2006	4/28/2006	
Chromium	EPA 6010B	6D28073	4.8	37	1	4/28/2006	4/28/2006	
Copper	EPA 6010B	6D28073	9.7	410	1	4/28/2006	4/28/2006	
Lead	EPA 6010B	6D28073	9.7	22	1	4/28/2006	4/28/2006	
Mercury	EPA 7471A	6D28097	0.097	1.1	1	4/28/2006	4/28/2006	
Molybdenum	EPA 6010B	6D28073	9.7	11	1	4/28/2006	4/28/2006	
Nickel	EPA 6010B	6D28073	9.7	13	1	4/28/2006	4/28/2006	
Selenium	EPA 6010B	6D28073	9.7	ND	1	4/28/2006	4/28/2006	
Zinc	EPA 6010B	6D28073	24	750	1	4/28/2006	4/28/2006	
Sample ID: IPD2142-03 (RIV - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6D28073	10	ND	1	4/28/2006	4/28/2006	
Cadmium	EPA 6010B	6D28073	2.5	ND	1	4/28/2006	4/28/2006	
Chromium	EPA 6010B	6D28073	5.0	33	1	4/28/2006	4/28/2006	
Copper	EPA 6010B	6D28073	10	740	1	4/28/2006	4/28/2006	
Lead	EPA 6010B	6D28073	10	27	1	4/28/2006	4/28/2006	
Mercury	EPA 7471A	6D28097	0.10	ND	1	4/28/2006	4/28/2006	
Molybdenum	EPA 6010B	6D28073	10	15	1	4/28/2006	4/28/2006	
Nickel	EPA 6010B	6D28073	10	20	1	4/28/2006	4/28/2006	
Selenium	EPA 6010B	6D28073	10	ND	1	4/28/2006	4/28/2006	
Zinc	EPA 6010B	6D28073	25	890	1	4/28/2006	4/28/2006	

Del Mar Analytical - Irvine
 Kathleen A. Robb
 Project Manager

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Solid Samples
 Report Number: IPD2142

Sampled: 04/21/06
 Received: 04/21/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPD2142-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6D27148	0.10	27	1	4/27/2006	4/27/2006	
Sample ID: IPD2142-01 (MBC - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6E12087	120	820	25	5/2/2006	5/2/2006	M-HA
Nitrate-N	EPA 300.0	6D25064	1.1	ND	0.998	4/25/2006	4/25/2006	
Sample ID: IPD2142-02 (SBN - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6D27148	0.10	21	1	4/27/2006	4/27/2006	
Sample ID: IPD2142-02 (SBN - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6E12087	120	280	25	5/2/2006	5/2/2006	
Nitrate-N	EPA 300.0	6D25064	1.1	ND	0.995	4/25/2006	4/25/2006	
Sample ID: IPD2142-03 (RIV - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6D27148	0.10	20	1	4/27/2006	4/27/2006	
Sample ID: IPD2142-03 (RIV - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6E12087	120	290	25	5/2/2006	5/2/2006	
Nitrate-N	EPA 300.0	6D25064	1.1	ND	0.998	4/25/2006	4/25/2006	

Del Mar Analytical - Irvine
 Kathleen A. Robb
 Project Manager



Del Mar Analytical

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPD2142

Sampled: 04/21/06
Received: 04/21/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPD2142-01 (MBC - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6D26018	0.10	28	1	4/26/2006	4/26/2006	
Sample ID: IPD2142-02 (SBN - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6D26018	0.10	21	1	4/26/2006	4/26/2006	
Sample ID: IPD2142-03 (RIV - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6D26018	0.10	21	1	4/26/2006	4/26/2006	

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPD2142

Sampled: 04/21/06
Received: 04/21/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPD2142-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6E03012	3500	43000	10	5/3/2006	5/4/2006	
Sample ID: IPD2142-02 (SBN - Solid)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6E03012	4700	65000	10	5/3/2006	5/4/2006	
Sample ID: IPD2142-03 (RIV - Solid)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6E03012	4800	60000	10	5/3/2006	5/4/2006	

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SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For May 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - May 2006

Date: 6/1/2006
 County: Yuma

Field Number: YM 2-A02
 Number of Acres: 87

Month Applied:	May-06	
Wet Tons Applied:	220.72	
Percent Solids:	27	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	49000.00	75.22
NH3	710.00	1.09
NO3	0.00	0.00
Organic N	48290.00	74.13
As	0.00	0.00
Cd	3.50	0.01
Cr	45.00	0.07
Cu	710.00	1.09
Pb	23.00	0.04
Hg	2.20	0.00
Mo	17.0	0.03
Ni	32.0	0.05
Se	0.0	0.00
Zn	1100.00	1.69
PAN	10013.00	15.37

City of San Diego Monthly Application Summary - May 2006

Date: 6/1/2006
County: Yuma

Field Number: YM 1-1
Number of Acres: 68.37

Month Applied:	May-06	
Wet Tons Applied:	192.57	
Percent Solids:	27	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	49000.00	83.51
NH3	710.00	1.21
NO3	0.00	0.00
Organic N	48290.00	82.30
As	0.00	0.00
Cd	3.50	0.01
Cr	45.00	0.08
Cu	710.00	1.21
Pb	23.00	0.04
Hg	2.20	0.00
Mo	17.0	0.03
Ni	32.0	0.05
Se	0.0	0.00
Zn	1100.00	1.87
PAN	10013.00	17.06

City of San Diego Monthly Application Summary - May 2006

Date: 6/1/2006
County: Yuma

Field Number: YM 1-D2
Number of Acres: 35

Month Applied:	May-06	
Wet Tons Applied:	388.41	
Percent Solids:	27	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	49000.00	329.02
NH3	710.00	4.77
NO3	0.00	0.00
Organic N	48290.00	324.25
As	0.00	0.00
Cd	3.50	0.02
Cr	45.00	0.30
Cu	710.00	4.77
Pb	23.00	0.15
Hg	2.20	0.01
Mo	17.0	0.11
Ni	32.0	0.21
Se	0.0	0.00
Zn	1100.00	7.39
PAN	10013.00	67.23

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
5/2/06	43124	22551940	YM 2-A02	79660	29540	50120	25.06
5/2/06	43126	22551941	YM 2-A02	79560	31160	48400	24.20
5/2/06	43127	22551942	YM 2-A02	80380	31920	48460	24.23
5/3/06	43140	22551975	YM 2-A02	79920	31680	48240	24.12
5/3/06	43141	22551976	YM 2-A02	78960	31260	47700	23.85
5/3/06	43147	22551972	YM 2-A02	80140	29820	50320	25.16
5/4/06	43154	22552003	YM 2-A02	79660	31160	48500	24.25
5/4/06	43155	22551999	YM 2-A02	79400	29620	49780	24.89
5/4/06	43156	22551998	YM 2-A02	80320	30400	49920	24.96
5/8/06	43191	22552075	YM 1-1	79780	32420	47360	23.68
5/9/06	43202	22552093	YM 1-1	79840	29740	50100	25.05
5/9/06	43207	22552103	YM 1-1	79680	32440	47240	23.62
5/10/06	43226	22552140	YM 1-1	80060	31020	49040	24.52
5/12/06	43243	22552234	YM 1-1	79440	31760	47680	23.84
5/13/06	43239	22552261	YM 1-1	79000	30340	48660	24.33
5/15/06	43265	24520203	YM 1-1	79340	31680	47660	23.83
5/15/06	43269	24520205	YM 1-1	79440	32040	47400	23.70
5/17/06	43302	24520268	YM 1-D2	79800	31400	48400	24.20
5/18/06	43320	24520304	YM 1-D2	79900	32300	47600	23.80
5/19/06	43338	24520338	YM 1-D2	79420	30400	49020	24.51
5/19/06	43348	24520357	YM 1-D2	80100	28940	51160	25.58
5/22/06	43353	24520406	YM 1-D2	80380	30680	49700	24.85
5/22/06	43360	24520415	YM 1-D2	79500	32120	47380	23.69
5/23/06	43374	24520452	YM 1-D2	79580	32300	47280	23.64
5/25/06	43393	24520566	YM 1-D2	79500	32300	47200	23.60
5/25/06	43394	24520570	YM 1-D2	80800	31500	49300	24.65
5/26/06	43413	24520638	YM 1-D2	79360	30660	48700	24.35
5/26/06	43414	24520639	YM 1-D2	79240	30380	48860	24.43
5/27/06	43430	24520727	YM 1-D2	79420	30680	48740	24.37
5/29/06	43443	24520727	YM 1-D2	79260	30600	48660	24.33
5/30/06	43460	24520727	YM 1-D2	79560	30500	49060	24.53
5/31/06	43479	24520727	YM 1-D2	80000	31120	48880	24.44
5/31/06	43480	24520929	YM 1-D2	79180	32300	46880	23.44
							801.70

Field Report - May 2006

Field Code: YM 2-A02
 Date: 6/1/2006
 Total Acres: 87
 Latitude: 32.8060 N
 Longitude: 113.3471 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: July-06
 Harvesting Date: September-06

Wet Tons Applied: 1655.06
 Dry Tons Applied: 424.08
 Metric Tons Applied: 1502.46
 Metric Dry Tons Applied: 384.98
 Wet Metric Tons/ha: 42.66
 Dry Metric Tons/ha: 10.93
 Wet Tons Applied/acre: 19.02

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	541.60	483.32	1491.80
NH3	8.18	7.30	112.25
NO3	0.00	0.00	0.01
Organic N	533.42	476.03	1068.26
As	0.00	0.00	0.02
Cd	0.10	0.09	0.15
Cr	0.63	0.56	1.46
Cu	5.42	4.84	13.61
Pb	0.21	0.18	0.56
Hg	0.02	0.01	0.05
Mo	0.18	0.16	0.40
Ni	0.86	0.76	1.50
Se	0.04	0.04	0.05
Zn	10.68	9.53	23.50
Plant Available - N	110.77	98.85	335.32

Field Report - May 2006

Field Code: YM 1-1
 Date: 6/1/2006
 Total Acres: 68.37
 Latitude: 32.49' 50" N
 Longitude: 113.24' 00" W
 Crop: Corn
 Crop Nitrogen Usage: 300 #/acre
 Seeding Date: July-06
 Harvesting Date: September-06

Wet Tons Applied: 584.91
 Dry Tons Applied: 146.41
 Metric Tons Applied: 530.98
 Metric Dry Tons Applied: 132.91
 Wet Metric Tons/ha: 19.19
 Dry Metric Tons/ha: 4.80
 Wet Tons Applied/acre: 8.56

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	270.37	241.27	540.73
NH3	3.14	2.80	6.28
NO3	0.00	0.00	0.00
Organic N	267.22	238.47	534.45
As	0.00	0.00	0.00
Cd	0.04	0.04	0.08
Cr	0.28	0.25	0.55
Cu	2.33	2.08	4.66
Pb	0.08	0.07	0.16
Hg	0.01	0.01	0.02
Mo	0.07	0.06	0.13
Ni	0.29	0.26	0.57
Se	0.03	0.02	0.06
Zn	4.46	3.98	8.92
Plant Available - N	55.02	49.10	110.03

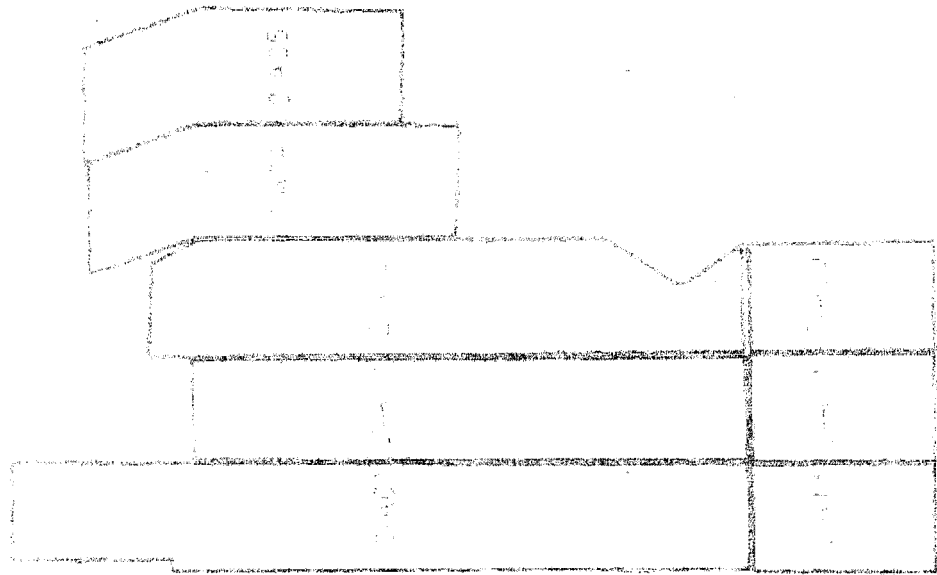
Field Report - May 2006

Field Code: YM 1-D2
 Date: 6/1/2006
 Total Acres: 35
 Latitude: 32.48' 19" N
 Longitude: 113.26' 24" W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480#/acre
 Seeding Date: November-06
 Harvesting Date: September-06

Wet Tons Applied: 950.87
 Dry Tons Applied: 239.29
 Metric Tons Applied: 863.20
 Metric Dry Tons Applied: 217.23
 Wet Metric Tons/ha: 60.93
 Dry Metric Tons/ha: 15.33
 Wet Tons Applied/acre: 27.17

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	847.72	756.50	847.72
NH3	10.08	9.00	10.08
NO3	0.00	0.00	0.00
Organic N	837.63	747.50	837.63
As	0.00	0.00	0.00
Cd	0.12	0.11	0.12
Cr	0.84	0.75	0.84
Cu	7.88	7.03	7.88
Pb	0.26	0.24	0.26
Hg	0.03	0.02	0.03
Mo	0.21	0.19	0.21
Ni	0.84	0.75	0.84
Se	0.08	0.07	0.08
Zn	14.61	13.04	14.61
Plant Available - N	172.57	154.00	172.57

Cullison Farm - Aztec North
Section 24, T7S, R11W

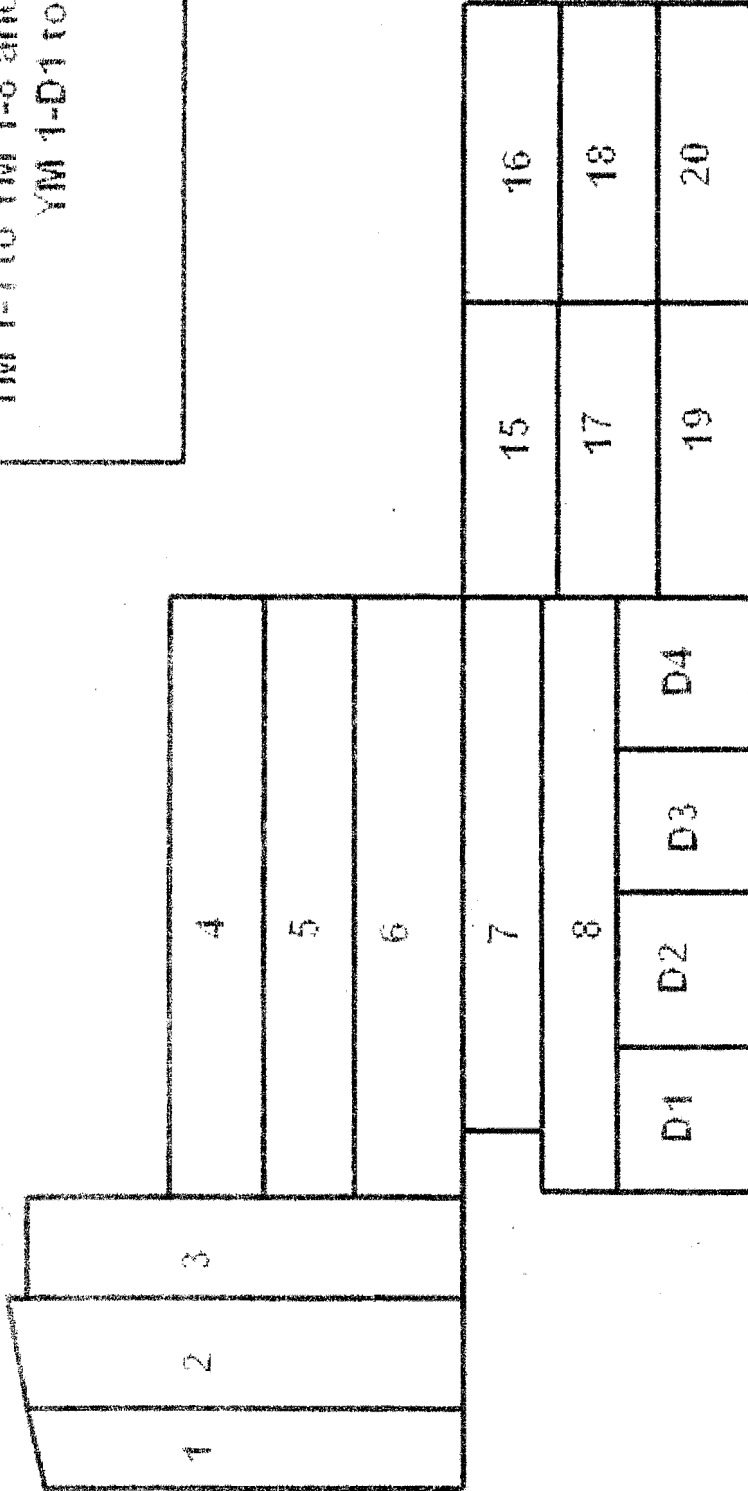


1000000000

NORRIS FARMS

AZTEC FIELDS

YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
YM 1-D1 to YM 1-D4



Map created with **TOPOIG** ©2006 National Geographic

113.45000° W

113.43333° W

113.41667° W

32.80000° N

TMT/MIN



**NATIONAL
GEOGRAPHIC**

05/08/06



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Blanket

Sampled: 05/17/06
Received: 05/18/06
Issued: 05/31/06 16:11

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: This is a complete final report including all requested analyses.

LABORATORY ID	CLIENT ID	MATRIX
IPE1738-01	MBC	Soil

Reviewed By:

Del Mar Analytical - Irvine
Kathleen A. Robb
Project Manager



Del Mar Analytical

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket

Report Number: IPE1738

Sampled: 05/17/06

Received: 05/18/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPE1738-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6E19093	7.7	ND	1	5/19/2006	5/19/2006	
Cadmium	EPA 6010B	6E19093	1.9	3.5	1	5/19/2006	5/19/2006	
Chromium	EPA 6010B	6E19093	3.8	45	1	5/19/2006	5/19/2006	
Copper	EPA 6010B	6E19093	7.7	710	1	5/19/2006	5/19/2006	
Lead	EPA 6010B	6E19093	7.7	23	1	5/19/2006	5/19/2006	
Mercury	EPA 7471A	6E22066	0.077	2.2	1	5/22/2006	5/22/2006	
Molybdenum	EPA 6010B	6E19093	7.7	17	1	5/19/2006	5/19/2006	
Nickel	EPA 6010B	6E19093	7.7	32	1	5/19/2006	5/19/2006	
Selenium	EPA 6010B	6E19093	7.7	ND	1	5/19/2006	5/19/2006	
Zinc	EPA 6010B	6E19093	19	1100	1	5/19/2006	5/19/2006	

Del Mar Analytical - Irvine
Kathleen A. Robb
Project Manager

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Solid Solutions, Seal Beach
 12340 Seal Beach Blvd, B-383
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: Blanket
 Report Number: IPE1738

Sampled: 05/17/06
 Received: 05/18/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPE1738-01 (MBC - Soil)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6E22110	0.10	26	1	5/22/2006	5/22/2006	
Sample ID: IPE1738-01 (MBC - Soil)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6E30109	100	710	20	5/30/2006	5/30/2006	
Nitrate-N	EPA 300.0	6E22065	1.1	ND	1.01	5/22/2006	5/22/2006	

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 Kathleen A. Robb
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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket
Report Number: IPE1738

Sampled: 05/17/06
Received: 05/18/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPE1738-01 (MBC - Soil)								
Reporting Units: %								
Total Solids	SM 2540B	6E22015	0.10	27	1	5/22/2006	5/22/2006	

Del Mar Analytical - Irvine
Kathleen A. Robb
Project Manager

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket
Report Number: IPE1738

Sampled: 05/17/06
Received: 05/18/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPE1738-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6E30008	3700	49000	10	5/30/2006	5/31/2006	

Del Mar Analytical - Irvine
Kathleen A. Robb
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



DEL MAR ANALYTICAL COMPANY

CHAIN OF CUSTODY FORM

IPE 1738

Project Name: **SCUD COUNTING**

Project/ID Number: **SUB SAMPLES BUCKET**

Client Name: **MR. N. B. B.**
 Project Manager: **MR. N. B. B.**
 Sampler: **MR. N. B. B.**

APR 13

Sample	Sample Description	Sample Matrix	Container Type	# of Cont	Sampling Date	Sampling Time	Preservatives	Project Manager	Sampler	Special Instructions	Turnaround Time (Check)	Sample Integrity (Check)
MBC		S	GA	1	5/17/06	3:00 PM		MR. N. B. B.	MR. N. B. B.	+ SUBMIT TEN OF BENCH METALS IN PER. WT.	same day	normal
											24 hours	5 days
											48 hours	normal
											Sample Integrity intact	on ice

5/18/06
1820

Requisitioned By: **B. Pfeiffer**
 Date/Time: 9:30 AM 5/18/06

Received By: **[Signature]**
 Date/Time: 5/18/06 0930

Relinquished By: **[Signature]** Date/Time: _____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this sample. Payment for services is due within 30 days from the date of invoice. Samples will be disposed of after 30 days.

SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For June 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - June 2006

Date: 7/1/2006

County: Yuma

Field Number: YM 1-D2

Number of Acres: 35

Month Applied:	Jun-06	
Wet Tons Applied:	784.67	
Percent Solids:	27	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	49000.00	664.69
NH3	710.00	9.63
NO3	0.00	0.00
Organic N	48290.00	655.06
As	0.00	0.00
Cd	3.50	0.05
Cr	45.00	0.61
Cu	710.00	9.63
Pb	23.00	0.31
Hg	2.20	0.03
Mo	17.0	0.23
Ni	32.0	0.43
Se	0.0	0.00
Zn	1100.00	14.92
PAN	10013.00	135.83

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
6/1/06	43500	24521018	YM 1-D2	79580	32300	47280	23.64
6/1/06	43501	24521018	YM 1-D2	79080	29900	49180	24.59
6/1/06	43502	24521017	YM 1-D2	80300	31220	49080	24.54
6/2/06	43518	24521100	YM 1-D2	79820	31260	48560	24.28
6/5/06	43532	22040803	YM 1-D2	80120	31180	48940	24.47
6/6/06	43551	22040901	YM 1-D2	80840	31120	49720	24.86
6/7/06	43570	17601	YM 1-D2	80380	31020	49360	24.68
6/8/06	43585	22041026	YM 1-D2	79280	32200	47080	23.54
6/8/06	43586	22041028	YM 1-D2	79980	31020	48960	24.48
6/9/06	43597	22041115	YM 1-D2	80820	31600	49220	24.61
6/12/06	43605	22041292	YM 1-D2	80300	31140	49160	24.58
6/13/06	43624	22041367	YM 1-D2	81100	31320	49780	24.89
6/14/06	43643	22041411	YM 1-D2	80140	31240	48900	24.45
6/15/06	43661	22041480	YM 1-D2	79840	31540	48300	24.15
6/15/06	43662	22041474	YM 1-D2	81560	31180	50380	25.19
6/17/06	43674	22041632	YM 1-D2	80060	30540	49520	24.76
6/18/06	43673	22041671	YM 1-D2	79580	30920	48660	24.33
6/19/06	43687	22041704	YM 1-D2	80860	31140	49720	24.86
6/19/06	43692	22041714	YM 1-D2	79480	32080	47400	23.70
6/20/06	43707	22041841	YM 1-D2	79620	31760	47860	23.93
6/20/06	43708	22041803	YM 1-D2	80560	31160	49400	24.70
6/21/06	43727	22041886	YM 1-D2	80360	29920	50440	25.22
6/21/06	43728	22041885	YM 1-D2	80520	31200	49320	24.66
6/22/06	43747	22450071	YM 1-D2	78980	30220	48760	24.38
6/22/06	43748	22450069	YM 1-D2	80260	31100	49160	24.58
6/23/06	43765	22450158	YM 1-D2	80640	31240	49400	24.70
6/26/06	43778	22450307	YM 1-D2	80920	31160	49760	24.88
6/27/06	43796	22450347	YM 1-D2	80520	31080	49440	24.72
6/28/06	43816	22450414	YM 1-D2	80060	31060	49000	24.50
6/29/06	43833	22450458	YM 1-D2	80420	30940	49480	24.74
6/30/06	43848	22450499	YM 1-D2	80660	31180	49480	24.74
6/30/06	43849	22450503	YM 1-D2	79340	30700	48640	24.32
							784.67

Field Report - June 2006

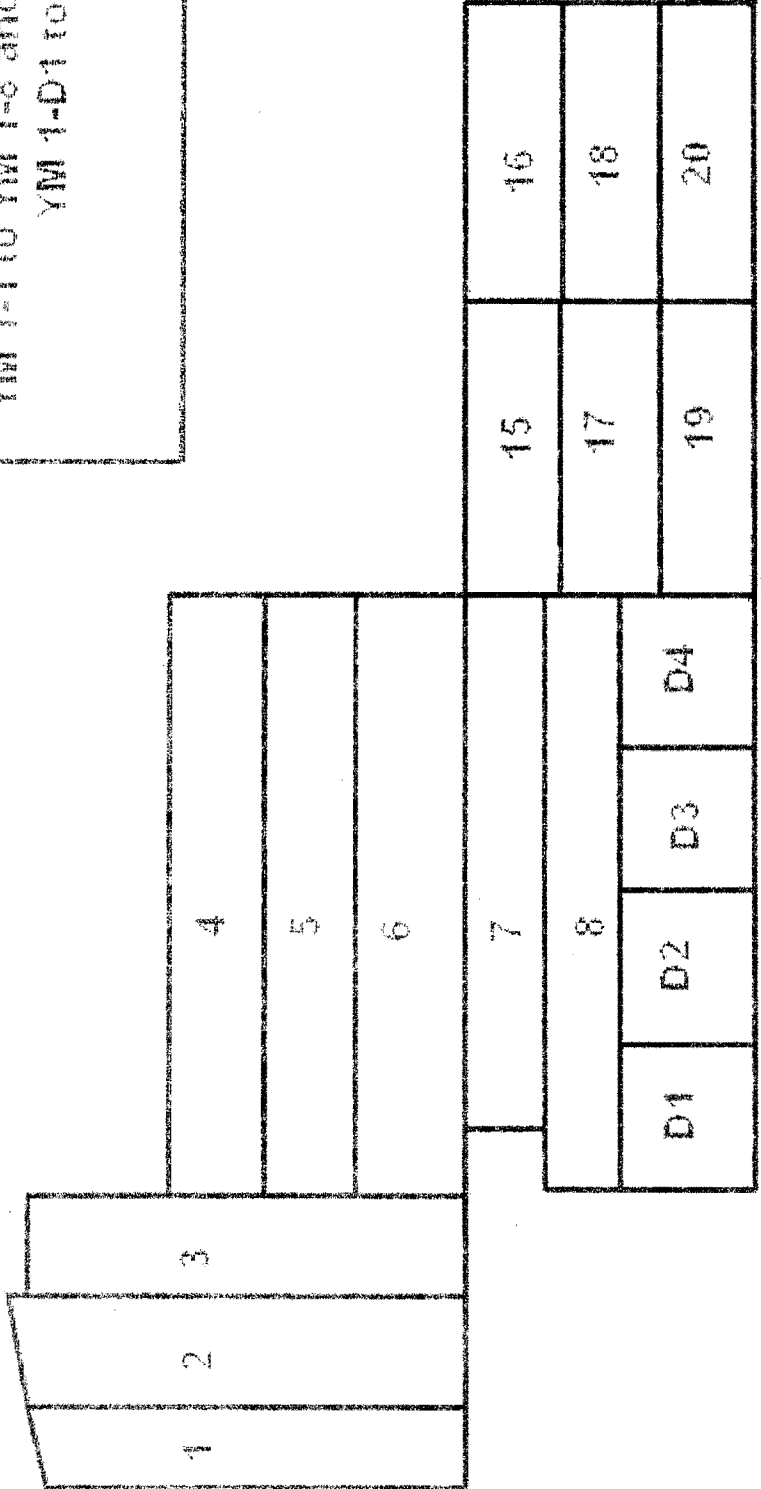
Field Code: YM 1-D2
 Date: 7/1/2006
 Total Acres: 35
 Latitude: 32.48' 19" N
 Longitude: 113.26' 24" W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480#/acre
 Seeding Date: November-06
 Harvesting Date: September-06

Wet Tons Applied: 2766.05
 Dry Tons Applied: 696.37
 Metric Tons Applied: 2511.02
 Metric Dry Tons Applied: 632.16
 Wet Metric Tons/ha: 177.23
 Dry Metric Tons/ha: 44.62
 Wet Tons Applied/acre: 79.03

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	2457.43	2193.01	2457.43
NH3	29.35	26.19	29.35
NO3	0.00	0.00	0.00
Organic N	2428.08	2166.82	2428.08
As	0.00	0.00	0.00
Cd	0.34	0.30	0.34
Cr	2.43	2.17	2.43
Cu	23.20	20.70	23.20
Pb	0.78	0.69	0.78
Hg	0.08	0.07	0.08
Mo	0.62	0.55	0.62
Ni	2.41	2.15	2.41
Se	0.22	0.20	0.22
Zn	42.76	38.16	42.76
Plant Available - N	500.29	446.46	500.29

113 453.29° W 113 416.79° W

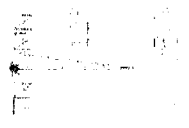
NORRIS FARMS
AZTEC FIELDS
YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
YM 1-D1 to YM 1-D4



Map created with **TOPON** ©2006 National Geographic

113.45000° W 113.43333° W 113.41667° W 113.40000° W

NATIONAL
GEOGRAPHIC



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project: Solid Samples Blanket

Sampled: 06/28/06
Received: 06/29/06
Issued: 07/12/06 16:05

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: Final report including results for TKN from Babcock.

LABORATORY ID
IPF3047-01

CLIENT ID
MBC

MATRIX
Solid

Reviewed By:

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPF3047

Sampled: 06/28/06

Received: 06/29/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6F30099	7.0	ND	1	6/30/2006	7/1/2006	
Cadmium	EPA 6010B	6F30099	1.7	3.4	1	6/30/2006	7/1/2006	
Chromium	EPA 6010B	6F30099	3.5	50	1	6/30/2006	7/1/2006	
Copper	EPA 6010B	6F30099	7.0	800	1	6/30/2006	7/1/2006	
Lead	EPA 6010B	6F30099	7.0	26	1	6/30/2006	7/1/2006	
Mercury	EPA 7471A	6G05089	0.071	1.3	1.02	7/5/2006	7/5/2006	
Molybdenum	EPA 6010B	6F30099	7.0	17	1	6/30/2006	7/1/2006	
Nickel	EPA 6010B	6F30099	7.0	55	1	6/30/2006	7/1/2006	
Selenium	EPA 6010B	6F30099	7.0	ND	1	6/30/2006	7/1/2006	
Zinc	EPA 6010B	6F30099	17	1000	1	6/30/2006	7/1/2006	

estAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6G05107	0.10	29	1	7/5/2006	7/5/2006	
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6G11090	120	1300	25	7/11/2006	7/11/2006	
Nitrate-N	EPA 300.0	6G03082	1.1	ND	1	7/3/2006	7/3/2006	

estAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

TestAmerica

ANALYTICAL TESTING CORPORATION

17461 Derian Avenue, Suite 100 Irvine, CA 92614 (949) 261-1022 Fax:(949) 261-1228

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6G06016	0.10	28	1	7/6/2006	7/6/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPF3047 <Page 4 of 13>

TestAmerica

ANALYTICAL TESTING CORPORATION

17461 Deegan Avenue, Suite 100 Irvine, CA 92614 (949) 261-1022 Fax: (949) 261-1228

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Kjeldahl Nitrogen	EPA 351.2	6G10006	3500	46000	10	7/10/2006	7/10/2006	

estAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPF3047 <Page 5 of 13>



Del Mar Analytical, Inc. 10000 Del Mar Road, Suite 300, San Diego, CA 92130
 Phone: (619) 444-1111 Fax: (619) 444-1112
 Email: info@delmaranalytical.com www.delmaranalytical.com

CHAIN OF CUSTODY FORM

Client Name/Address: SOLID SOLUTIONS 12340 SEAL BEACH BLVD, # B3803 SEAL BEACH CA 90740	Project ID Number: SOLID SAMPLE BUM-FET	Sample Matrix: S	Sample Description: PBC	Container Type: G	Number of Containers: 1	Sampling Date/Time: 6/28/06 11:00 PM	Preparation: 11:00 PM	Turnaround Time (Check): Same Day	Special Instructions: IF F 3047 * FREIGHT METERED 14 DAY WT.
Project Manager: BRIAN REWES BRIAN REWES	Temp. Container: 760-034-0003	Turnaround Time (Check): 24 Hours	Sample Integrity (Check): Intact	Requested By: Bryan Rewes	Received By: Bryan Rewes	Requested Date/Time: 6/29/06 10:05 AM	Received Date/Time: 6/29/06 16:40	Turnaround Time (Check): 72 Hours	Special Instructions: NOV 10 10:00 AM '06
Client Name/Address:	Project ID Number:	Sample Matrix:	Sample Description:	Container Type:	Number of Containers:	Sampling Date/Time:	Preparation:	Turnaround Time (Check):	Special Instructions:
								24 Hours	
								48 Hours	
								Sample Integrity (Check):	
								Intact	
								On Ice	

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be released after 30 days.

349

SOLID SOLUTIONS, L.L.C
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For July 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - July 2006

Date: 8/1/2006

County: Yuma

Field Number: YM 1-D3

Number of Acres: 35

Month Applied:	Jul-06	
Wet Tons Applied:	735.96	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	46000.00	606.94
NH3	1300.00	17.15
NO3	0.00	0.00
Organic N	44700.00	589.78
As	0.00	0.00
Cd	3.40	0.04
Cr	50.00	0.66
Cu	800.00	10.56
Pb	26.00	0.34
Hg	1.30	0.02
Mo	17.0	0.22
Ni	55.0	0.73
Se	0.0	0.00
Zn	1000.00	13.19
PAN	9590.00	126.53

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
7/3/06	43863	22450652	YM 1-D3	80260	30560	49700	24.85
7/3/06	43864	22450641	YM 1-D3	80800	31140	49660	24.83
7/4/06	43884	22450697	YM 1-D3	81420	31060	50360	25.18
7/5/06	43898B	22450723	YM 1-D3	80480	31120	49360	24.68
7/5/06	43898	22450727	YM 1-D3	79620	30440	49180	24.59
7/6/06	43916	22450771	YM 1-D3	80280	31180	49100	24.55
7/7/06	43933	22450829	YM 1-D3	80480	31060	49420	24.71
7/10/06	43947	22450960	YM 1-D3	80280	30540	49740	24.87
7/10/06	43948	22450956	YM 1-D3	80480	31140	49340	24.67
7/11/06	43967	22450994	YM 1-D3	80440	31060	49380	24.69
7/13/06	43989	22451058	YM 1-D3	79840	30720	49120	24.56
7/14/06	43988	22451073	YM 1-D3	80920	31220	49700	24.85
7/14/06	43995	22451083	YM 1-D3	79320	30240	49080	24.54
7/17/06	44006	22139839	YM 1-D3	80700	31180	49520	24.76
7/17/06	44008	22139842	YM 1-D3	79580	32440	47140	23.57
7/17/06	44014	22139844	YM 1-D3	79320	30160	49160	24.58
7/18/06	44026	22139867	YM 1-D3	80120	32480	47640	23.82
7/18/06	44027	22139868	YM 1-D3	80560	31120	49440	24.72
7/18/06	44030	22139869	YM 1-D3	79700	30340	49360	24.68
7/19/06	44048	22139903	YM 1-D3	79460	32540	46920	23.46
7/19/06	44049	22139902	YM 1-D3	80440	31100	49340	24.67
7/20/06	44059	22139930	YM 1-D3	80740	31140	49600	24.80
7/20/06	44061	22139928	YM 1-D3	79680	32580	47100	23.55
7/21/06	44070	22139954	YM 1-D3	79160	32560	46600	23.30
7/21/06	44071	22139955	YM 1-D3	81320	31160	50160	25.08
7/24/06	44084	22140006	YM 1-D3	80480	31160	49320	24.66
7/25/06	44103	22140028	YM 1-D3	80520	31060	49460	24.73
7/26/06	44122	22140049	YM 1-D3	80340	31120	49220	24.61
7/27/06	44141	22140090	YM 1-D3	80320	31140	49180	24.59
7/31/06	44171	22140159	YM 1-D3	80040	30800	49240	24.81
							735.96

Field Report - July 2006

Field Code: YM 1-D3
 Date: 8/1/2006
 Total Acres: 35
 Latitude: 32.48' 19" N
 Longitude: 113.26' 10" W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480#/acre
 Seeding Date: November-06
 Harvesting Date: December-06

Wet Tons Applied: 1962.45
 Dry Tons Applied: 496.50
 Metric Tons Applied: 1781.51
 Metric Dry Tons Applied: 450.72
 Wet Metric Tons/ha: 125.74
 Dry Metric Tons/ha: 31.81
 Wet Tons Applied/acre: 56.07

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	1724.67	1539.09	1724.67
NH3	28.47	25.41	28.47
NO3	0.00	0.00	0.00
Organic N	1696.20	1513.69	1696.20
As	0.00	0.00	0.00
Cd	0.24	0.22	0.24
Cr	1.80	1.60	1.80
Cu	17.29	15.43	17.29
Pb	0.58	0.52	0.58
Hg	0.04	0.04	0.04
Mo	0.43	0.38	0.43
Ni	2.04	1.82	2.04
Se	0.17	0.15	0.17
Zn	28.92	25.81	28.92
Plant Available - N	353.47	315.44	353.47

113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W

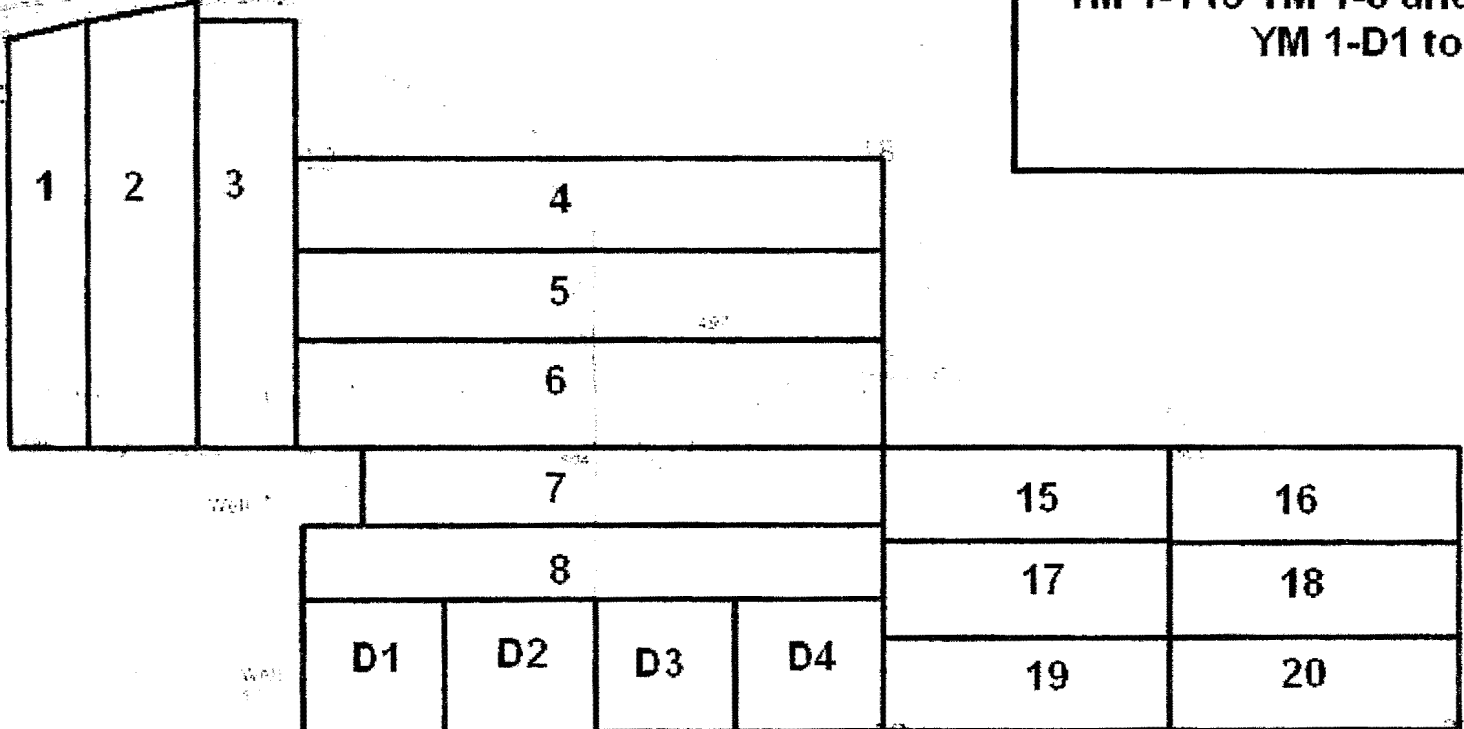
SOUTHERN

Aztec

**NORRIS FARMS
AZTEC FIELDS**
 YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
 YM 1-D1 to YM 1-D4

32.81667° N

32.81667° N



32.80000° N

32.80000° N

Map created with ©2006 National Geographic

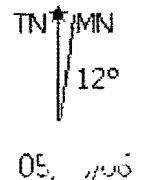
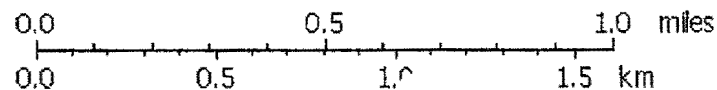
113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W

**NATIONAL
GEOGRAPHIC**



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project: Solid Samples Blanket

Sampled: 06/28/06
Received: 06/29/06
Issued: 07/12/06 16:05

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: Final report including results for TKN from Babcock.

LABORATORY ID

IPF3047-01

CLIENT ID

MBC

MATRIX

Solid

Reviewed By:



TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

TestAmerica

ANALYTICAL TESTING CORPORATION

17461 Derian Avenue, Suite 100 Irvine, CA 92614 (949) 261-1022 Fax:(949) 261-1228

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket
Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6F30099	7.0	ND	1	6/30/2006	7/1/2006	
Cadmium	EPA 6010B	6F30099	1.7	3.4	1	6/30/2006	7/1/2006	
Chromium	EPA 6010B	6F30099	3.5	50	1	6/30/2006	7/1/2006	
Copper	EPA 6010B	6F30099	7.0	800	1	6/30/2006	7/1/2006	
Lead	EPA 6010B	6F30099	7.0	26	1	6/30/2006	7/1/2006	
Mercury	EPA 7471A	6G05089	0.071	1.3	1.02	7/5/2006	7/5/2006	
Molybdenum	EPA 6010B	6F30099	7.0	17	1	6/30/2006	7/1/2006	
Nickel	EPA 6010B	6F30099	7.0	55	1	6/30/2006	7/1/2006	
Selenium	EPA 6010B	6F30099	7.0	ND	1	6/30/2006	7/1/2006	
Zinc	EPA 6010B	6F30099	17	1000	1	6/30/2006	7/1/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket
Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6G05107	0.10	29	1	7/5/2006	7/5/2006	
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6G11090	120	1300	25	7/11/2006	7/11/2006	
Nitrate-N	EPA 300.0	6G03082	1.1	ND	1	7/3/2006	7/3/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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TestAmerica

ANALYTICAL TESTING CORPORATION

17461 Derian Avenue, Suite 100 Irvine, CA 92614 (949) 261-1022 Fax:(949) 261-1228

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket
Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6G06016	0.10	28	1	7/6/2006	7/6/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPF3047 <Page 4 of 13>

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Chris Marks

Project ID: Solid Samples Blanket

Report Number: IPF3047

Sampled: 06/28/06
Received: 06/29/06

Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF3047-01 (MBC - Solid) Reporting Units: mg/kg dry Kjeldahl Nitrogen	EPA 351.2	6G10006	3500	46000	10	7/10/2006	7/10/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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17461 Denan Ave., Irvine CA 92614-5537 (949) 261-1022 FAX (949) 260-1294
 1014 E. Coolby Dr., Suite A, Colton, CA 92324 (909) 370-1667 FAX (949) 370-1046
 4154 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 585-8596 FAX (619) 585-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85041 (480) 715-0013 FAX (480) 785-0851
 1520 F. Sumner Rd. #3, Las Vegas, NV 89120 (702) 798-3020 FAX (702) 798-1621

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: SOLID SOLUTIONS 12340 SEAL BEACH BLVD., # B-303 SEAL BEACH CA 90740			Project/PO Number: SOLID SAMPLER BLANKET			Analysis Required								
Project Manager: BRIAN REYES BRIAN REYES			Phone Number: 760-434-0003 Fax Number: 760-434-0004			IPF 3047								
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservation	Asst. #	Asst. Name	Asst. City	Asst. State	Asst. Zip	Asst. Phone	Asst. Fax	Asst. Email	Special Instructions
MBC	S	G	1	6/28/06 11:00PM		X	X	X						*PRESERVE METALS IN DRY MT.
Relinquished By: B. Reyes	Date / Time: 6/29/06 10:05 AM	Received By: Rick Sheridan	Date / Time: 6/29/06 10:05	Turnaround Time: (Check)	Same Day	72 Hours	24 Hours	5 Days	48 Hours	Normal	X			
Relinquished By: Rick Sheridan	Date / Time: 6-29-06 1640	Received By: Flamco	Date / Time: 6-29-06 16:40	Sample Integrity: (Check)	Intact	X	On Ice	X	3°C					

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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Fleet Industries, Inc.
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For August 2006

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- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**



Industries, Inc.

12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

September 15, 2006

Warren Wazny
City of San Diego
5240 Convoy Street, MS 901M
San Diego, CA 92111

Dear Mr. Wazny:

Enclosed is the Monthly Biosolids Report for the month of August 2006. This report includes the date and amount hauled, the application site(s), analysis of the biosolids and concentration of metals and nitrogen applied to the site(s).

If you have any questions or comments on this report please feel free to contact me at (760) 801-5399.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Reyes", with a long horizontal flourish extending to the right.

Brian Reyes

Enclosure

City of San Diego Monthly Application Summary - August 2006

Date: 9/1/2006

County: Yuma

Field Number: YM 1-D3

Number of Acres: 35

Month Applied:	Aug-06	
Wet Tons Applied:	342.43	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	53500.00	328.44
NH3	1000.00	6.14
NO3	0.00	0.00
Organic N	52500.00	322.30
As	0.00	0.00
Cd	3.70	0.02
Cr	66.00	0.41
Cu	960.00	5.89
Pb	35.00	0.21
Hg	1.80	0.01
Mo	22.0	0.14
Ni	66.0	0.41
Se	10.0	0.06
Zn	1300.00	7.98
PAN	11000.00	67.53

City of San Diego Monthly Application Summary - August 2006

Date: 9/1/2006

County: Yuma

Field Number: YM 1-18

Number of Acres: 49.24

Month Applied:	Aug-06	
Wet Tons Applied:	492.45	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	53500.00	335.74
NH3	1000.00	6.28
NO3	0.00	0.00
Organic N	52500.00	329.46
As	0.00	0.00
Cd	3.70	0.02
Cr	66.00	0.41
Cu	960.00	6.02
Pb	35.00	0.22
Hg	1.80	0.01
Mo	22.0	0.14
Ni	66.0	0.41
Se	10.0	0.06
Zn	1300.00	8.16
PAN	11000.00	69.03

Date	Ticket No.	Wt. Ticket No.	Destination	Tons
8/1/06	44189	22140189	YM 1-D3	23.46
8/1/06	44190	22140187	YM 1-D3	24.77
8/1/06	44191	22140188	YM 1-D3	24.67
8/2/06	44210	22140220	YM 1-D3	24.65
8/3/06	44227	22140240	YM 1-D3	24.90
8/3/06	44228	22140239	YM 1-D3	23.59
8/4/06	44245	22140273	YM 1-D3	24.83
8/7/06	44259	22140315	YM 1-D3	24.82
8/7/06	44260	22140316	YM 1-D3	24.54
8/7/06	44265	22140324	YM 1-D3	23.49
8/8/06	44277	22140352	YM 1-D3	24.75
8/8/06	44278	22140351	YM 1-D3	24.79
8/9/06	44295	22140371	YM 1-D3	24.64
8/9/06	44296	22140377	YM 1-D3	24.53
8/10/06	44314	22140394	YM 1-18	24.61
8/11/06	44329	22140422	YM 1-18	24.45
8/14/06	44349	22140460	YM 1-18	24.93
8/15/06	44363	22140480	YM 1-18	24.85
8/15/06	44364	22140479	YM 1-18	24.78
8/16/06	44381	22140505	YM 1-18	24.67
8/16/06	44382	22140510	YM 1-18	25.08
8/17/06	44400	22140522	YM 1-18	24.59
8/17/06	44401	22140524	YM 1-18	24.94
8/18/06	44420	22140545	YM 1-18	24.60
8/18/06	44421	22140548	YM 1-18	24.37
8/22/06	44471	22140600	YM 1-18	24.62
8/23/06	44484	22140634	YM 1-18	24.52
8/24/06	44500	22140656	YM 1-18	23.53
8/24/06	44501	22140657	YM 1-18	24.59
8/28/06	44531	22140727	YM 1-18	24.42
8/28/06	44532	22140723	YM 1-18	24.73
8/28/06	44535	22140724	YM 1-18	24.07
8/29/06	44552	22140746	YM 1-18	24.74
8/30/06	44573	22140764	YM 1-18	25.36
				834.88

Field Report - August 2006

Field Code: YM 1-D3
 Date: 9/1/2006
 Total Acres: 35
 Latitude: 32.48' 19" N
 Longitude: 113.26' 10" W
 Crop: Alfalfa
 Crop Nitrogen Usage: 480#/acre
 Seeding Date: November-06
 Harvesting Date: December-06

Wet Tons Applied: 2719.63
 Dry Tons Applied: 679.48
 Metric Tons Applied: 2468.88
 Metric Dry Tons Applied: 616.83
 Wet Metric Tons/ha: 174.26
 Dry Metric Tons/ha: 43.54
 Wet Tons Applied/acre: 77.70

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	2362.63	2108.41	2362.63
NH3	36.24	32.34	36.24
NO3	0.00	0.00	0.00
Organic N	2326.39	2076.07	2326.39
As	0.00	0.00	0.00
Cd	0.33	0.29	0.33
Cr	2.60	2.32	2.60
Cu	25.65	22.89	25.65
Pb	0.90	0.81	0.90
Hg	0.06	0.05	0.06
Mo	0.64	0.57	0.64
Ni	2.80	2.50	2.80
Se	0.29	0.26	0.29
Zn	42.64	38.06	42.64
Plant Available - N	483.40	431.38	483.40

Field Report - August 2006

Field Code: YM 1-18
 Date: 9/1/2006
 Total Acres: 49.24
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Alfaifa
 Crop Nitrogen Usage: 480 #/acre
 Seeding Date: Nov-06
 Harvesting Date: Mar-06

Wet Tons Applied: 1437.36
 Dry Tons Applied: 336.32
 Metric Tons Applied: 1304.84
 Metric Dry Tons Applied: 305.31
 Wet Metric Tons/ha: 65.46
 Dry Metric Tons/ha: 15.32
 Wet Tons Applied/acre: 29.19

Constituent	Kilograms Applied Year to Date (kg/hc)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/hc)
TKN	840.96	750.47	1047.86
NH3	8.56	7.64	26.01
NO3	0.00	0.00	0.00
Organic N	832.40	742.83	1003.34
As	0.00	0.00	0.09
Cd	0.13	0.11	0.20
Cr	1.10	0.98	1.52
Cu	9.98	8.91	14.11
Pb	0.38	0.34	0.55
Hg	0.02	0.02	0.04
Mo	0.27	0.24	0.30
Ni	1.04	0.93	1.58
Se	0.16	0.14	0.28
Zn	17.38	15.51	25.03
Plant Available - N	170.76	152.39	504.91

113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W

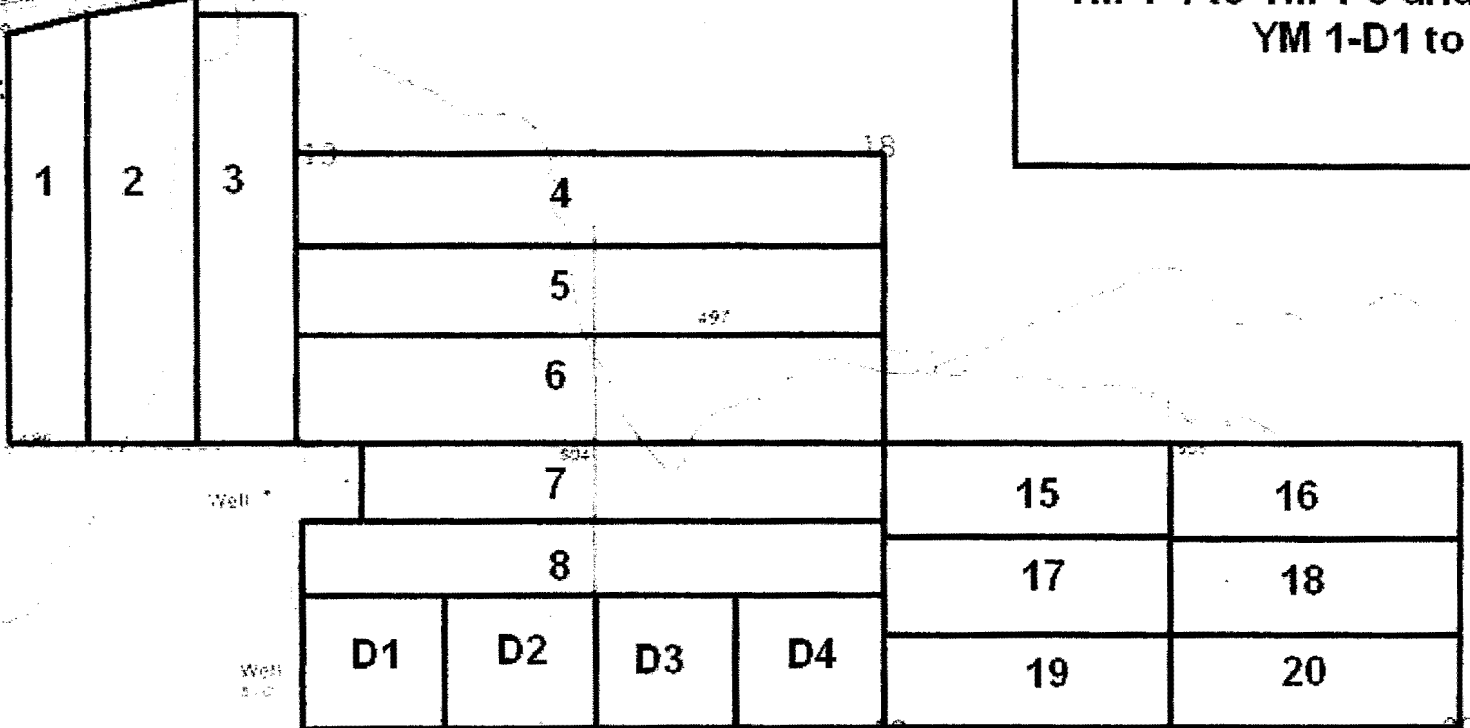
Aztec

SOUTHERN

**NORRIS FARMS
AZTEC FIELDS**
 YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
 YM 1-D1 to YM 1-D4

32.81667° N

32.81667° N



32.80000° N

32.80000° N

Map created with **TOPOLIO** ©2006 National Geographic

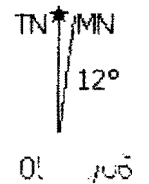
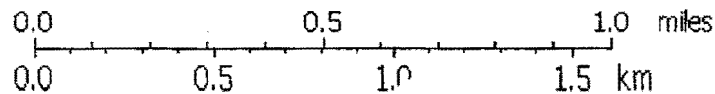
113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W

**NATIONAL
GEOGRAPHIC**



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Blanket

Sampled: 07/18/06
Received: 07/19/06
Revised: 08/03/06 16:52

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

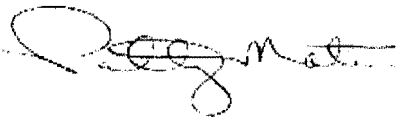
ADDITIONAL INFORMATION: This report revised 8/3/06 to include additional TKN results from subcontracted lab, TestAmerica-Nashville, TN.

LABORATORY ID
IPG1560-01

CLIENT ID
MBC

MATRIX
Soil

Reviewed By:



TestAmerica - Irvine, CA
Patty Mata For Kathleen A. Robb
Project Manager

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket
Report Number: IPG1560

Sampled: 07/18/06
Received: 07/19/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPG1560-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6G20094	7.2	ND	1.01	7/20/2006	7/21/2006	
Cadmium	EPA 6010B	6G20094	1.8	3.7	1.01	7/20/2006	7/21/2006	
Chromium	EPA 6010B	6G20094	3.6	66	1.01	7/20/2006	7/21/2006	
Copper	EPA 6010B	6G20094	7.2	960	1.01	7/20/2006	7/21/2006	
Lead	EPA 6010B	6G20094	7.2	35	1.01	7/20/2006	7/21/2006	
Mercury	EPA 7471A	6G21063	0.072	1.8	1	7/21/2006	7/21/2006	
Molybdenum	EPA 6010B	6G20094	7.2	22	1.01	7/20/2006	7/21/2006	
Nickel	EPA 6010B	6G20094	7.2	66	1.01	7/20/2006	7/21/2006	
Selenium	EPA 6010B	6G20094	7.2	10	1.01	7/20/2006	7/21/2006	
Zinc	EPA 6010B	6G20094	18	1300	1.01	7/20/2006	7/21/2006	

TestAmerica - Irvine, CA
Patty Mata For Kathleen A. Robb
Project Manager

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TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket

Report Number: IPG1560

Sampled: 07/18/06
Received: 07/19/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPG1560-01 (MBC - Soil)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6G24132	0.100	27.8	1	7/24/2006	7/24/2006	
Sample ID: IPG1560-01 (MBC - Soil)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6G26081	120	1000	25	7/25/2006	7/25/2006	
Nitrate-N	EPA 300.0	6G27083	1.1	ND	0.998	7/27/2006	7/27/2006	
Sample ID: IPG1560-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	SM4500-NORG Mod	6G28099	18000	36000	1	7/28/2006	7/28/2006	M1

TestAmerica - Irvine, CA
Patty Mata For Kathleen A. Robb
Project Manager

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TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket
Report Number: IPG1560

Sampled: 07/18/06
Received: 07/19/06

General Chemistry Parameters

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPG1560-01 (MBC - Soil)								
Reporting Units: %								
% Dry Solids	SW-846	6080017	0.500	28.0	1	8/1/2006	8/2/2006	
Sample ID: IPG1560-01 (MBC - Soil)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6080067	1430	53500	20	8/1/2006	8/2/2006	

TestAmerica - Irvine, CA
Patty Mata For Kathleen A. Robb
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced
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IPG1560 <Page 4 of 11>

Fleet Industries, Inc.
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For September 2006

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- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - September 2006

Date: 10/1/2006

County: Yuma

Field Number: YM 1-18

Number of Acres: 49.24

Month Applied:	Sep-06	
Wet Tons Applied:	222.89	
Percent Solids:	26.6	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	44500.00	120.08
NH3	33.00	0.09
NO3	0.00	0.00
Organic N	44467.00	119.99
As	0.00	0.00
Cd	3.80	0.01
Cr	63.00	0.17
Cu	840.00	2.27
Pb	29.00	0.08
Hg	1.90	0.01
Mo	21.0	0.06
Ni	55.0	0.15
Se	0.0	0.00
Zn	1100.00	2.97
PAN	8909.90	24.04

City of San Diego Monthly Application Summary - September 2006

Date: 10/1/2006

County: Yuma

Field Number: YM 1-20

Number of Acres: 47.89

Month Applied:	Sep-06	
Wet Tons Applied:	317.04	
Percent Solids:	26.6	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	44500.00	175.61
NH3	33.00	0.13
NO3	0.00	0.00
Organic N	44467.00	175.48
As	0.00	0.00
Cd	3.80	0.01
Cr	63.00	0.25
Cu	840.00	3.31
Pb	29.00	0.11
Hg	1.90	0.01
Mo	21.0	0.08
Ni	55.0	0.22
Se	0.0	0.00
Zn	1100.00	4.34
PAN	8909.90	35.16

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
9/1/06	44608	22140818	YM 1-18	79900	30380	49520	24.76
9/5/06	44641	22140876	YM 1-18	79740	30460	49280	24.64
9/6/06	44661	22140891	YM 1-18	79240	30180	49060	24.53
9/12/06	44722	76929807	YM 1-18	80560	30340	50220	25.11
9/13/06	44739	76929825	YM 1-18	79480	30300	49180	24.59
9/18/06	44800	76929948	YM 1-18	80300	29960	50340	25.17
9/19/06	44822	76929977	YM 1-18	80180	30460	49720	24.86
9/20/06	44844	30888008	YM 1-18	79460	30240	49220	24.61
9/21/06	44862	30888038	YM 1-18	79720	30480	49240	24.62
9/22/06	44879	30888082	YM 1-20	79440	31520	47920	23.96
9/22/06	44880	30888083	YM 1-20	79560	30600	48960	24.48
9/25/06	44891		YM 1-20	79820	30360	49460	24.73
9/26/06	44913		YM 1-20	79980	31520	48460	24.23
9/26/06	44914	30888151	YM 1-20	79840	31860	47980	23.99
9/26/06	44915		YM 1-20	79680	30820	48860	24.43
9/27/06	44935		YM 1-20	80160	31500	48660	24.33
9/27/06	44936		YM 1-20	79320	30280	49040	24.52
9/28/06	44957		YM 1-20	80380	31520	48860	24.43
9/28/06	44958		YM 1-20	80620	30800	49820	24.91
9/29/06	44977		YM 1-20	80080	31340	48740	24.37
9/29/06	44978	30888284	YM 1-20	79960	31780	48180	24.09
9/29/06	44980		YM 1-20	79520	30380	49140	24.57

539.93

Field Report - September 2006

Field Code: YM 1-18
 Date: 10/1/2006
 Total Acres: 49.24
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Cotton
 Crop Nitrogen Usage: 250 #/acre
 Seeding Date: Nov-06
 Harvesting Date: Mar-06

Wet Tons Applied: 2393.32
 Dry Tons Applied: 549.55
 Metric Tons Applied: 2172.66
 Metric Dry Tons Applied: 498.88
 Wet Metric Tons/ha: 109.00
 Dry Metric Tons/ha: 25.03
 Wet Tons Applied/acre: 48.61

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1353.24	1207.63	1560.15
NH3	10.40	9.28	27.85
NO3	0.00	0.00	0.00
Organic N	1342.84	1198.35	1513.78
As	0.00	0.00	0.09
Cd	0.22	0.20	0.29
Cr	1.80	1.61	2.22
Cu	15.32	13.67	19.45
Pb	0.59	0.53	0.75
Hg	0.03	0.03	0.05
Mo	0.44	0.39	0.46
Ni	1.67	1.49	2.21
Se	0.23	0.20	0.36
Zn	27.50	24.54	35.15
Plant Available - N	273.77	244.31	335.43

Field Report - September 2006

Field Code: YM 1-20
 Date: 10/1/2006
 Total Acres: 47.89
 Latitude: 32.48°30" N
 Longitude: 113.26°15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Dec-06
 Harvesting Date: Mar-07

Wet Tons Applied: 1756.02
 Dry Tons Applied: 576.48
 Metric Tons Applied: 1594.11
 Metric Dry Tons Applied: 523.33
 Wet Metric Tons/ha: 82.23
 Dry Metric Tons/ha: 27.00
 Wet Tons Applied/acre: 36.67

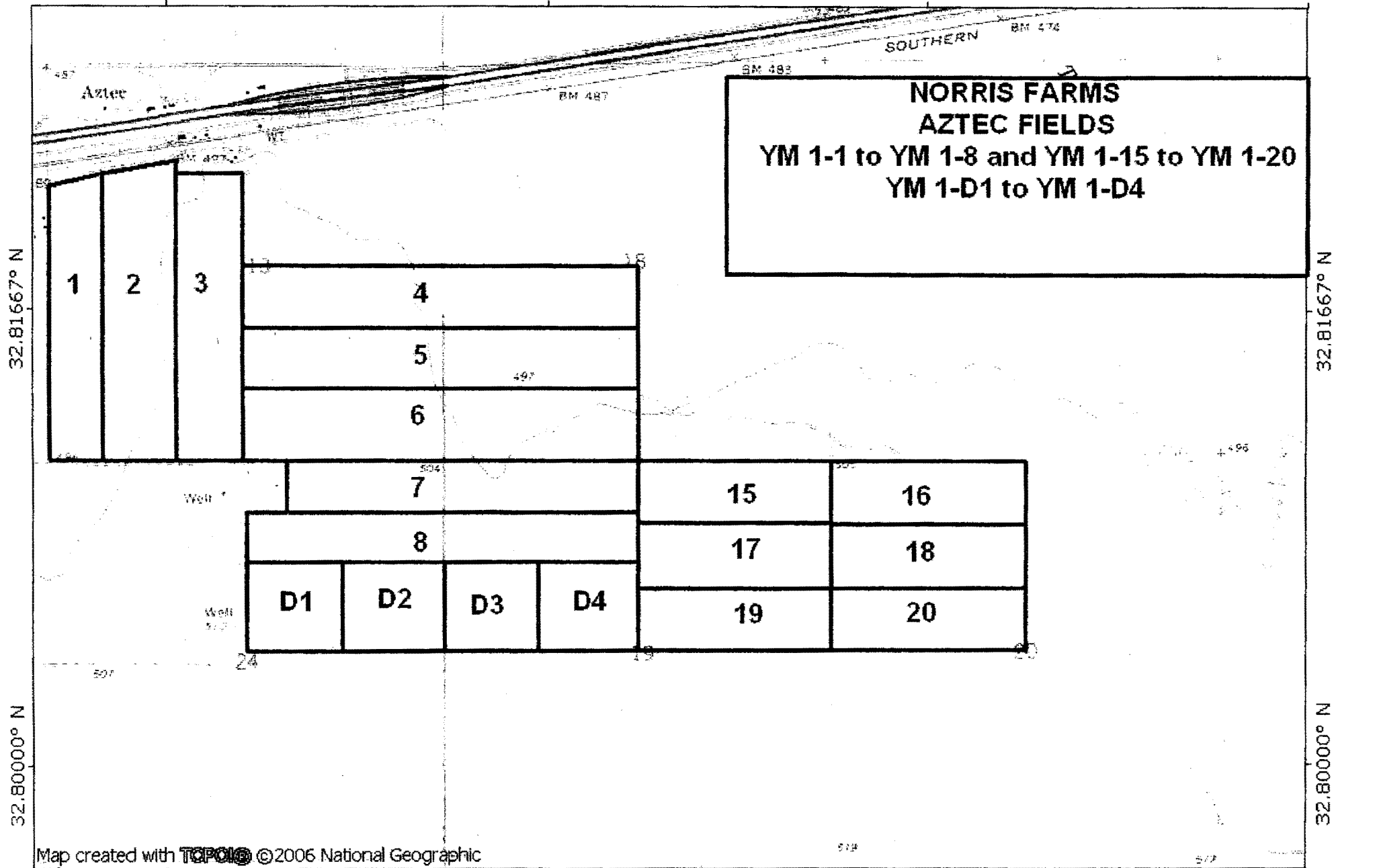
Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	922.25	823.02	1129.16
NH3	51.77	46.20	69.22
NO3	2.51	2.24	2.52
Organic N	870.48	776.82	1041.42
As	0.00	0.00	0.09
Cd	0.13	0.12	0.21
Cr	2.11	1.89	2.53
Cu	11.58	10.33	15.71
Pb	0.90	0.80	1.06
Hg	0.05	0.05	0.07
Mo	0.39	0.35	0.41
Ni	1.05	0.94	1.59
Se	0.23	0.21	0.36
Zn	19.40	17.31	27.05
Plant Available - N	202.50	180.71	264.16

113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W



**NORRIS FARMS
AZTEC FIELDS**
 YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
 YM 1-D1 to YM 1-D4

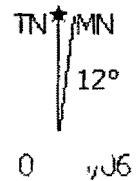
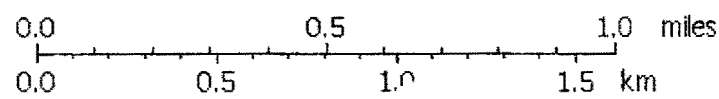
Map created with **TOPIC** ©2006 National Geographic

113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W



LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Solid Samples

Sampled: 08/21/06
Received: 08/21/06
Issued: 08/30/06 13:03

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID

IPH2221-01

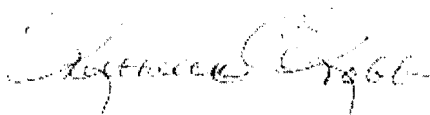
CLIENT ID

MBC

MATRIX

Solid

Reviewed By:



TestAmerica - Irvine, CA

Kathleen A. Robb

Project Manager

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples
Report Number: IPH2221

Sampled: 08/21/06
Received: 08/21/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2221-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6H22087	7.7	ND	1	8/22/2006	8/24/2006	
Cadmium	EPA 6010B	6H22087	1.9	3.8	1	8/22/2006	8/24/2006	
Chromium	EPA 6010B	6H22087	3.8	63	1	8/22/2006	8/24/2006	
Copper	EPA 6010B	6H22087	7.7	840	1	8/22/2006	8/24/2006	
Lead	EPA 6010B	6H22087	7.7	29	1	8/22/2006	8/24/2006	
Mercury	EPA 7471A	6H23133	0.077	1.9	1	8/23/2006	8/23/2006	
Molybdenum	EPA 6010B	6H22087	7.7	21	1	8/22/2006	8/24/2006	
Nickel	EPA 6010B	6H22087	7.7	55	1	8/22/2006	8/24/2006	
Selenium	EPA 6010B	6H22087	7.7	ND	1	8/22/2006	8/24/2006	
Zinc	EPA 6010B	6H22087	19	1100	1	8/22/2006	8/24/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPH2221 <Page 2 of 11>

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPH2221

Sampled: 08/21/06

Received: 08/21/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2221-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6H25118	0.10	26	1	8/25/2006	8/25/2006	
Sample ID: IPH2221-01 (MBC - Solid)								
Reporting Units: mg/kg								
Nitrate-N	EPA 300.0	6H23084	1.1	ND	0.998	8/23/2006	8/23/2006	
Sample ID: IPH2221-01 (MBC - Solid)								
Reporting Units: mg/l								
Ammonia-N	EPA 350.3	6H25070	5.0	33	10	8/24/2006	8/24/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPH2221 <Page 3 of 11>

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples
Report Number: IPH2221

Sampled: 08/21/06
Received: 08/21/06

General Chemistry Parameters

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2221-01 (MBC - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6085830	0.500	26.6	1	8/29/2006	8/30/2006	
Sample ID: IPH2221-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6085016	1.500	44500	20	8/25/2006	8/29/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPH2221 <Page 4 of 11>



IPH 2221

17461 Denan Ave., Irvine CA 92614-5617 (949) 261-1622 FAX (949) 268-1299
 1214 F. Cooley Dr., Suite A, Corona, CA 92714 (909) 370-4667 FAX (949) 170-1146
 9224 Chesapeake Dr., Suite 803, San Diego, CA 92123 (619) 505-8596 FAX (619) 505-9689
 9810 South 51st St., Suite B-110, Phoenix, AZ 85044 (480) 715-0043 FAX (480) 715-0851
 2320 F. Sunset Rd #1, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: SOLID SOLUTIONS 12340 SEAL BEACH BLVD., # B-383 SEAL BEACH CA 90740			Project/PO Number: SOLID SAMPLED			Analysis Required					
Project Manager: CHRIS MARKS			Phone Number: 760-434-0003			AS, CA, CR, CU, LE NI, PB, SE, SI, ZN TKN, NO ₃ , NH ₄ Y, TS					
Sampler:			Fax Number: 760-434-0004								
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservation	Special Instructions					
NBC	S	G	1	8/21/06 11:40 AM 10:00 AM		PREPARE METALS IN DRY W/ T TKN TO LAB IN TUBES					
						2A 8/22/06 9:20					
Relinquished By: <i>B. Pyle</i>			Date/Time: 8/21/06 11:40 AM			Received by: <i>Ant Herita</i>		Date/Time: 8-21-06 1140		Turnaround Time: (Check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 Days _____ 48 Hours _____ Normal <input checked="" type="checkbox"/>	
Relinquished By: <i>Ant Herita</i>			Date/Time: 8-21-06 1745			Received by: <i>Ant Herita</i>		Date/Time: 8-21-06 1745		Sample Integrity: (Check) Intact _____ On Ice _____	

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

035

Fleet Industries, Inc.
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For October 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - October 2006

Date: 11/1/2006

County: Yuma

Field Number: YM 1-20

Number of Acres: 47.89

Month Applied:	Oct-06	
Wet Tons Applied:	148.81	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	53200.00	103.73
NH3	1000.00	1.95
NO3	0.00	0.00
Organic N	52200.00	101.78
As	0.00	0.00
Cd	3.00	0.01
Cr	81.00	0.16
Cu	920.00	1.79
Pb	30.00	0.06
Hg	1.70	0.00
Mo	22.0	0.04
Ni	96.0	0.19
Se	0.0	0.00
Zn	1200.00	2.34
PAN	10940.00	21.33

City of San Diego Monthly Application Summary - October 2006

Date: 11/1/2006

County: Yuma

Field Number: YM 1-5

Number of Acres: 102.37

Month Applied:	Oct-06	
Wet Tons Applied:	594.95	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	53200.00	194.01
NH3	1000.00	3.65
NO3	0.00	0.00
Organic N	52200.00	190.36
As	0.00	0.00
Cd	3.00	0.01
Cr	81.00	0.30
Cu	920.00	3.36
Pb	30.00	0.11
Hg	1.70	0.01
Mo	22.0	0.08
Ni	96.0	0.35
Se	0.0	0.00
Zn	1200.00	4.38
PAN	10940.00	39.90

City of San Diego Monthly Application Summary - October 2006

Date: 11/1/2006

County: Yuma

Field Number: YM 1-6

Number of Acres: 99.27

Month Applied:	Oct-06	
Wet Tons Applied:	148.14	
Percent Solids:	28	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	53200.00	49.82
NH3	1000.00	0.94
NO3	0.00	0.00
Organic N	52200.00	48.88
As	0.00	0.00
Cd	3.00	0.00
Cr	81.00	0.08
Cu	920.00	0.86
Pb	30.00	0.03
Hg	1.70	0.00
Mo	22.0	0.02
Ni	96.0	0.09
Se	0.0	0.00
Zn	1200.00	1.12
PAN	10940.00	10.24

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
10/2/06	45009	30888355	YM 1-20	80000	28260	51740	25.87
10/2/06	45010	30888356	YM 1-20	79960	30340	49620	24.81
10/3/06	45031	30888398	YM 1-20	80440	30760	49680	24.84
10/3/06	45032	30888399	YM 1-20	80260	31560	48700	24.35
10/4/06	45053	30888444	YM 1-20	80140	31600	48540	24.27
10/4/06	45054	30888447	YM 1-20	79660	30320	49340	24.67
10/5/06	45074	30888485	YM 1-5	80160	31600	48560	24.28
10/6/06	45093	30888542	YM 1-5	79700	30300	49400	24.70
10/6/06	45094	30888543	YM 1-5	79300	30580	48720	24.36
10/6/06	45095	30888545	YM 1-5	80960	31500	49460	24.73
10/9/06	45108	30888651	YM 1-5	81240	29900	51340	25.67
10/9/06	45109	30888659	YM 1-5	80120	30420	49700	24.85
10/10/06	45128	30888686	YM 1-5	80340	31340	49000	24.50
10/10/06	45129	30888695	YM 1-5	81000	30860	50140	25.07
10/11/06	45151	30888727	YM 1-5	80060	30740	49320	24.66
10/12/06	45170	30888775	YM 1-5	80400	30580	49820	24.91
10/12/06	45173	30888779	YM 1-5	80320	31040	49280	24.64
10/13/06	45191	30888815	YM 1-5	80460	31480	48980	24.49
10/13/06	45193	30888820	YM 1-5	79540	30320	49220	24.61
10/16/06	45206	30888901	YM 1-5	80340	30980	49360	24.68
10/17/06	45227	30888946	YM 1-5	80820	30000	50820	25.41
10/17/06	45228	30888948	YM 1-5	80100	30300	49800	24.90
10/19/06	45249	30889047	YM 1-5	80320	30460	49860	24.93
10/20/06	45265	30889101	YM 1-5	79920	30760	49160	24.58
10/20/06	45266	30889092	YM 1-5	80880	31560	49320	24.66
10/21/06	45286	30889157	YM 1-5	80380	30740	49640	24.82
10/23/06	45297	30889228	YM 1-5	80160	30640	49520	24.76
10/23/06	45298	30889227	YM 1-5	80540	29720	50820	25.41
10/26/06	45344	30889358	YM 1-5	79460	30460	49000	24.50
10/26/06	45346	30889354	YM 1-5	80620	30960	49660	24.83
10/27/06	45363	30889406	YM 1-5	80420	30960	49460	24.73
10/27/06	45364	30889409	YM 1-5	79700	30560	49140	24.57
10/30/06	45396	30889510	YM 1-6	80040	30040	50000	25.00
10/30/06	45397	30889511	YM 1-6	79680	30480	49200	24.60
10/31/06	45418	30889580	YM 1-6	79700	30580	49120	24.56
10/31/06	45419	30889581	YM 1-6	80480	31120	49360	24.68
							891.90

Field Report - October 2006

Field Code: YM 1-20
 Date: 11/1/2006
 Total Acres: 47.89
 Latitude: 32.48'30" N
 Longitude: 113.26'15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Dec-06
 Harvesting Date: Mar-07

Wet Tons Applied: 2067.45
 Dry Tons Applied: 498.86
 Metric Tons Applied: 1876.83
 Metric Dry Tons Applied: 452.87
 Wet Metric Tons/ha: 96.81
 Dry Metric Tons/ha: 23.36
 Wet Tons Applied/acre: 43.17

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1290.94	1152.04	1497.85
NH3	76.17	67.98	93.62
NO3	2.51	2.24	2.52
Organic N	1214.77	1084.06	1385.71
As	0.01	0.01	0.11
Cd	0.17	0.16	0.25
Cr	2.65	2.36	3.07
Cu	15.67	13.98	19.80
Pb	1.05	0.94	1.22
Hg	0.06	0.05	0.08
Mo	0.52	0.46	0.54
Ni	1.46	1.30	2.00
Se	0.28	0.25	0.41
Zn	25.79	23.01	33.44
Plant Available - N	283.55	253.04	345.22

Field Report - October 2006

Field Code: YM 1-5
 Date: 11/1/2006
 Total Acres: 102.37
 Latitude: 32.48'55" N
 Longitude: 113.26'15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Dec-06
 Harvesting Date: Mar-07

Wet Tons Applied: 1680.94
 Dry Tons Applied: 484.76
 Metric Tons Applied: 1525.96
 Metric Dry Tons Applied: 440.07
 Wet Metric Tons/ha: 36.82
 Dry Metric Tons/ha: 10.62
 Wet Tons Applied/acre: 16.42

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	433.72	387.06	1917.91
NH3	37.89	33.81	91.58
NO3	0.00	0.00	0.00
Organic N	395.83	353.24	1826.33
As	0.02	0.02	0.02
Cd	0.06	0.05	0.10
Cr	0.72	0.65	1.13
Cu	5.23	4.67	10.29
Pb	0.21	0.18	0.45
Hg	0.01	0.01	0.03
Mo	0.16	0.14	0.38
Ni	0.55	0.49	0.97
Se	0.08	0.07	0.12
Zn	7.88	7.03	16.15
Plant Available - N	98.11	87.56	411.06

Field Report - October 2006

Field Code: YM 1-6
 Date: 11/1/2006
 Total Acres: 99.27
 Latitude: 32.4855N
 Longitude: 113.2615W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Dec-06
 Harvesting Date: Mar-07

Wet Tons Applied: 321.94
 Dry Tons Applied: 82.06
 Metric Tons Applied: 292.26
 Metric Dry Tons Applied: 74.49
 Wet Metric Tons/ha: 7.27
 Dry Metric Tons/ha: 1.85
 Wet Tons Applied/acre: 3.24

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	99.88	89.14	987.17
NH3	3.24	2.89	95.45
NO3	0.00	0.00	0.06
Organic N	96.65	86.25	891.49
As	0.00	0.00	0.13
Cd	0.01	0.01	0.10
Cr	0.14	0.13	1.08
Cu	1.31	1.17	13.43
Pb	0.04	0.04	0.60
Hg	0.00	0.00	0.05
Mo	0.04	0.03	0.33
Ni	0.14	0.12	1.24
Se	0.00	0.00	0.15
Zn	1.89	1.68	21.22
Plant Available - N	20.95	18.69	216.79

113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W

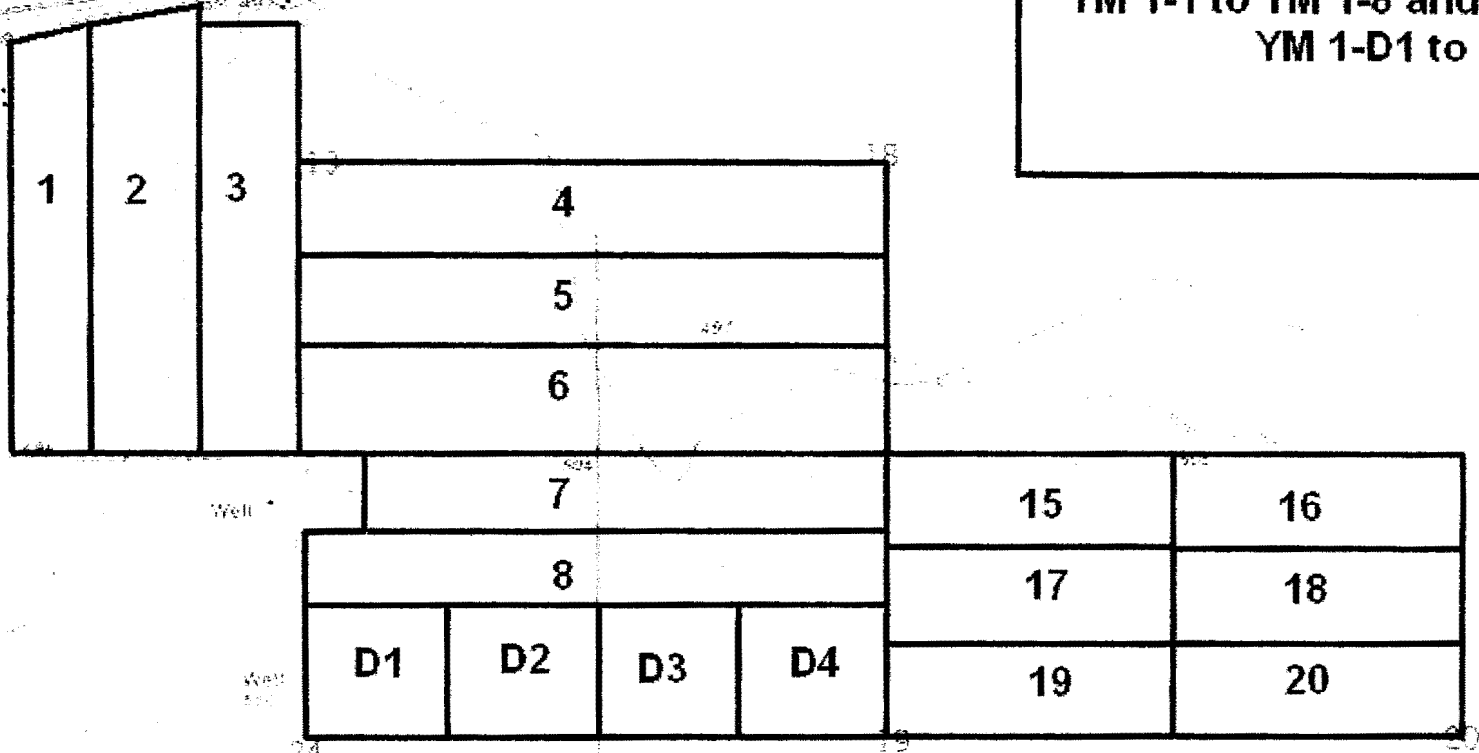
Aztec

SOUTHERN

**NORRIS FARMS
AZTEC FIELDS**
 YM 1-1 to YM 1-8 and YM 1-15 to YM 1-20
 YM 1-D1 to YM 1-D4

32.81667° N

32.81667° N



32.80000° N

32.80000° N

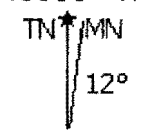
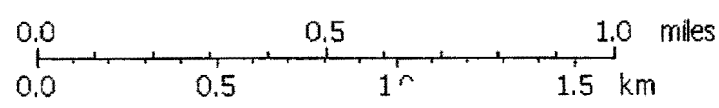
Map created with **TOPOLIS** ©2006 National Geographic

113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W



0. J/06

LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Solid Samples

Sampled: 09/15/06
Received: 09/15/06
Revised: 10/16/06 15:54

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

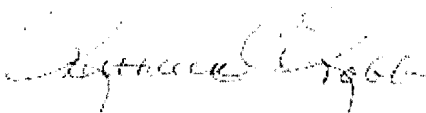
SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: Revised report to provide re-run for TKN for sample -03.

LABORATORY ID	CLIENT ID	MATRIX
IPI1456-01	MBC	Solid
IPI1456-02	SLR	Solid
IPI1456-03	LS	Solid

Reviewed By:



TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPI1456

Sampled: 09/15/06
Received: 09/15/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPI1456-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6I18094	7.2	ND	0.99	9/18/2006	9/24/2006	
Cadmium	EPA 6010B	6I18094	1.8	3.0	0.99	9/18/2006	9/24/2006	
Chromium	EPA 6010B	6I18094	3.6	81	0.99	9/18/2006	9/24/2006	
Copper	EPA 6010B	6I18094	7.2	920	0.99	9/18/2006	9/24/2006	
Lead	EPA 6010B	6I18094	7.2	30	0.99	9/18/2006	9/24/2006	
Mercury	EPA 7471A	6I19079	0.074	1.7	1.02	9/19/2006	9/19/2006	
Molybdenum	EPA 6010B	6I18094	7.2	22	0.99	9/18/2006	9/24/2006	
Nickel	EPA 6010B	6I18094	7.2	96	0.99	9/18/2006	9/24/2006	
Selenium	EPA 6010B	6I18094	7.2	ND	0.99	9/18/2006	9/24/2006	
Zinc	EPA 6010B	6I18094	18	1200	0.99	9/18/2006	9/24/2006	
Sample ID: IPI1456-02 (SLR - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6I18094	8.0	ND	1	9/18/2006	9/24/2006	
Cadmium	EPA 6010B	6I18094	2.0	5.4	1	9/18/2006	9/24/2006	
Chromium	EPA 6010B	6I18094	4.0	70	1	9/18/2006	9/24/2006	
Copper	EPA 6010B	6I18094	8.0	300	1	9/18/2006	9/24/2006	
Lead	EPA 6010B	6I18094	8.0	10	1	9/18/2006	9/24/2006	
Mercury	EPA 7471A	6I19079	0.080	0.90	1	9/19/2006	9/19/2006	
Molybdenum	EPA 6010B	6I18094	8.0	16	1	9/18/2006	9/24/2006	
Nickel	EPA 6010B	6I18094	8.0	62	1	9/18/2006	9/24/2006	
Selenium	EPA 6010B	6I18094	8.0	ND	1	9/18/2006	9/24/2006	
Zinc	EPA 6010B	6I18094	20	690	1	9/18/2006	9/24/2006	
Sample ID: IPI1456-03 (LS - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6I18094	12	ND	1	9/18/2006	9/24/2006	
Cadmium	EPA 6010B	6I18094	3.0	ND	1	9/18/2006	9/24/2006	
Chromium	EPA 6010B	6I18094	6.0	30	1	9/18/2006	9/24/2006	
Copper	EPA 6010B	6I18094	12	410	1	9/18/2006	9/24/2006	
Lead	EPA 6010B	6I18094	12	20	1	9/18/2006	9/24/2006	
Mercury	EPA 7471A	6I19079	0.12	1.4	1	9/19/2006	9/19/2006	
Molybdenum	EPA 6010B	6I18094	12	12	1	9/18/2006	9/24/2006	
Nickel	EPA 6010B	6I18094	12	26	1	9/18/2006	9/24/2006	
Selenium	EPA 6010B	6I18094	12	ND	1	9/18/2006	9/24/2006	
Zinc	EPA 6010B	6I18094	30	980	1	9/18/2006	9/24/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPI1456

Sampled: 09/15/06
Received: 09/15/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPI1456-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6I21144	0.10	28	1	9/21/2006	9/21/2006	
Sample ID: IPI1456-01 (MBC - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6I19118	100	1000	20	9/19/2006	9/19/2006	
Nitrate-N	EPA 300.0	6I18068	1.1	ND	1	9/18/2006	9/18/2006	
Sample ID: IPI1456-02 (SLR - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6I21144	0.10	25	1	9/21/2006	9/21/2006	
Sample ID: IPI1456-02 (SLR - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6I19118	100	830	20	9/19/2006	9/19/2006	
Nitrate-N	EPA 300.0	6I18068	1.1	ND	0.998	9/18/2006	9/18/2006	
Sample ID: IPI1456-03 (LS - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6I21144	0.10	17	1	9/21/2006	9/21/2006	
Sample ID: IPI1456-03 (LS - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD.	6I19118	100	700	20	9/19/2006	9/19/2006	
Nitrate-N	EPA 300.0	6I18068	1.1	ND	0.998	9/18/2006	9/18/2006	

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Kathleen A. Robb
Project Manager

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Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples
Report Number: IPI1456

Sampled: 09/15/06
Received: 09/15/06

General Chemistry Parameters

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPI1456-01 (MBC - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6094036	0.500	27.2	1	9/22/2006	9/23/2006	
Sample ID: IPI1456-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6094141	7.35	53200	20	9/25/2006	9/25/2006	B
Sample ID: IPI1456-02 (SLR - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6094036	0.500	24.5	1	9/22/2006	9/23/2006	
Sample ID: IPI1456-02 (SLR - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6094141	8.16	52500	20	9/25/2006	9/25/2006	B
Sample ID: IPI1456-03 (LS - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6094036	0.500	15.8	1	9/22/2006	9/23/2006	
Sample ID: IPI1456-03 (LS - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6094141	12.7	32300	20	9/25/2006	9/25/2006	B

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TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd, B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Solid Samples

Report Number: IPI1456

Sampled: 09/15/06
Received: 09/15/06

Solids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPI1456-03 (LS - Solid)								
Reporting Units: %								
Total Solids	SM 2540B	6J04008	0.10	16	1	10/4/2006	10/4/2006	N_HTa

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Kathleen A. Robb
Project Manager

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Fleet Industries, Inc.
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For November 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - November 2006

Date: 12/1/2006

County: Yuma

Field Number: YM 1-6

Number of Acres: 99.27

Month Applied:	Nov-06	
Wet Tons Applied:	444.63	
Percent Solids:	26	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	47000.00	122.66
NH3	660.00	1.72
NO3	0.00	0.00
Organic N	46340.00	120.93
As	0.00	0.00
Cd	2.60	0.01
Cr	71.00	0.19
Cu	760.00	1.98
Pb	27.00	0.07
Hg	1.80	0.00
Mo	20.0	0.05
Ni	83.0	0.22
Se	10.0	0.03
Zn	1000.00	2.61
PAN	9598.00	25.05

City of San Diego Monthly Application Summary - November 2006

Date: 12/1/2006

County: Yuma

Field Number: YM 1-5

Number of Acres: 102.37

Month Applied:	Nov-06	
Wet Tons Applied:	369.13	
Percent Solids:	26	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	47000.00	98.75
NH3	660.00	1.39
NO3	0.00	0.00
Organic N	46340.00	97.36
As	0.00	0.00
Cd	2.60	0.01
Cr	71.00	0.15
Cu	760.00	1.60
Pb	27.00	0.06
Hg	1.80	0.00
Mo	20.0	0.04
Ni	83.0	0.17
Se	10.0	0.02
Zn	1000.00	2.10
PAN	9598.00	20.17

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
11/1/06	45440	32936029	YM 1-6	80420	29800	50620	25.31
11/1/06	45441	32936030	YM 1-6	79860	30560	49300	24.65
11/2/06	45460	32936081	YM 1-6	79760	30820	48940	24.47
11/2/06	45461	32936078	YM 1-6	80320	30320	50000	25.00
11/6/06	45501	32936230	YM 1-6	80480	30380	50100	25.05
11/7/06	45522	32936274	YM 1-6	80560	31600	48960	24.48
11/7/06	45523	32936284	YM 1-6	80140	29660	50480	25.24
11/8/06	45543	32936334	YM 1-6	80120	31420	48700	24.35
11/9/06	45560	32936394	YM 1-6	81140	32020	49120	24.56
11/9/06	45561	32936391	YM 1-6	80340	30440	49900	24.95
11/10/06	45578	32936444	YM 1-6	80320	31300	49020	24.51
11/10/06	45579	32936445	YM 1-6	80320	32180	48140	24.07
11/13/06	45605	32936531	YM 1-6	80060	31580	48480	24.24
11/14/06	45623	32936598	YM 1-6	80220	30500	49720	24.86
11/14/06	45624	32936597	YM 1-6	80380	30900	49480	24.74
11/15/06	45644	32936674	YM 1-6	80140	31520	48620	24.31
11/16/06	45662	32936755	YM 1-6	80540	30140	50400	25.20
11/16/06	45663	32936756	YM 1-6	79920	30640	49280	24.64
11/17/06	45682	32936837	YM 1-5	80260	31480	48780	24.39
11/17/06	45683	32936846	YM 1-5	80020	30640	49380	24.69
11/20/06	45713	32937053	YM 1-5	80600	31520	49080	24.54
11/21/06	45734	32937202	YM 1-5	80320	31500	48820	24.41
11/21/06	45735	32937239	YM 1-5	79660	30320	49340	24.67
11/22/06	45756	32937449	YM 1-5	79940	31320	48620	24.31
11/22/06	45757	32937453	YM 1-5	80080	30460	49620	24.81
11/24/06	45775	33232195	YM 1-5	79440	30460	48980	24.49
11/27/06	45808	33232705	YM 1-5	80180	30420	49760	24.88
11/27/06	45809		YM 1-5	80580	30380	50200	25.10
11/28/06	45830		YM 1-5	80380	30820	49560	24.78
11/29/06	45851		YM 1-5	80060	31460	48600	24.30
11/29/06	45852	33233273	YM 1-5	80160	30560	49600	24.80
11/30/06	45873		YM 1-5	80500	31180	49320	24.66
11/30/06	45874	33233524	YM 1-5	79180	30580	48600	24.30
							813.76

Field Report - November 2006

Field Code: YM 1-6
 Date: 12/1/2006
 Total Acres: 99.27
 Latitude: 32.4855N
 Longitude: 113.2615W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Jan-07
 Harvesting Date: Mar-07

Wet Tons Applied: 1909.49
 Dry Tons Applied: 560.53
 Metric Tons Applied: 1733.44
 Metric Dry Tons Applied: 508.85
 Wet Metric Tons/ha: 43.14
 Dry Metric Tons/ha: 12.66
 Wet Tons Applied/acre: 19.24

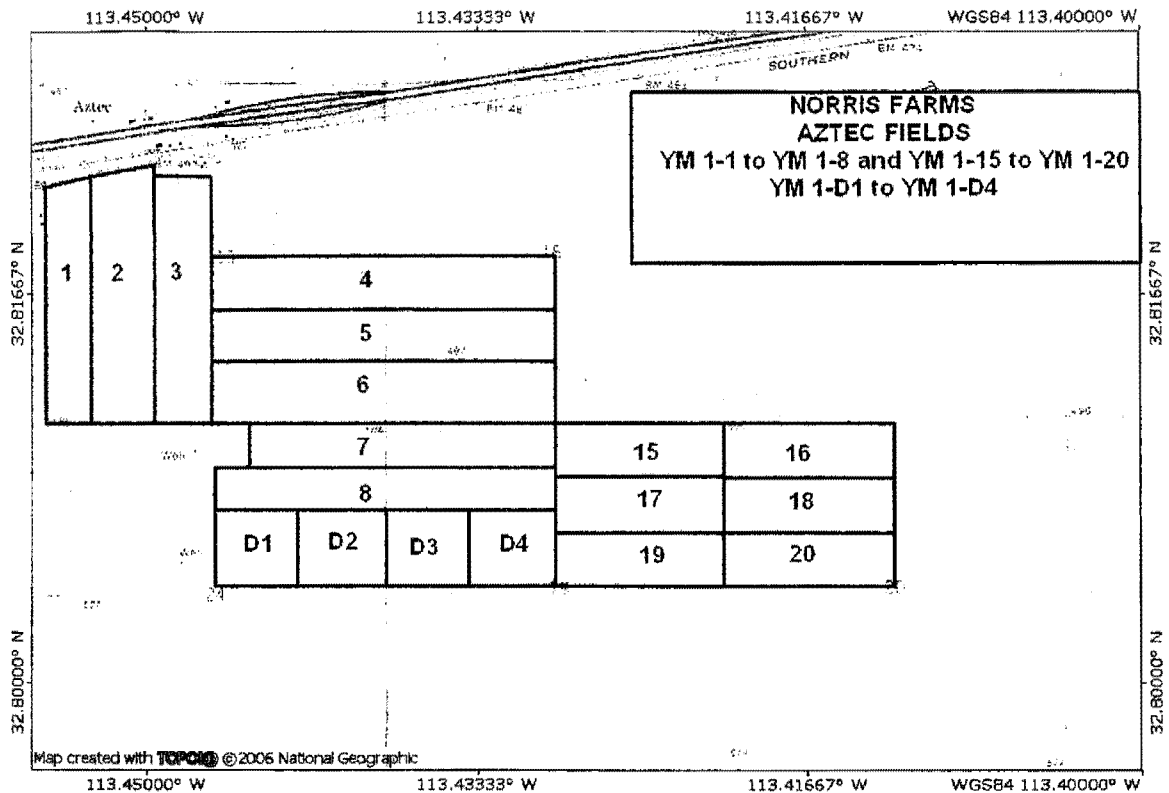
Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	686.04	612.22	1573.32
NH3	55.54	49.56	147.75
NO3	0.00	0.00	0.06
Organic N	630.50	562.66	1425.34
As	0.00	0.00	0.13
Cd	0.08	0.07	0.16
Cr	1.06	0.95	2.00
Cu	6.67	5.96	18.79
Pb	0.27	0.24	0.82
Hg	0.02	0.01	0.06
Mo	0.24	0.21	0.52
Ni	0.80	0.71	1.90
Se	0.11	0.10	0.26
Zn	10.70	9.55	30.03
Plant Available - N	153.87	137.31	349.71

Field Report - November 2006

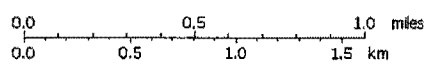
Field Code: YM 1-5
 Date: 12/1/2006
 Total Acres: 102.37
 Latitude: 32.48'55" N
 Longitude: 113.26'15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Jan-07
 Harvesting Date: Mar-07

Wet Tons Applied: 3317.33
 Dry Tons Applied: 807.13
 Metric Tons Applied: 3011.47
 Metric Dry Tons Applied: 732.71
 Wet Metric Tons/ha: 72.67
 Dry Metric Tons/ha: 17.68
 Wet Tons Applied/acre: 32.41

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	889.70	793.97	2373.89
NH3	76.86	68.59	130.55
NO3	0.00	0.00	0.00
Organic N	812.84	725.38	2243.34
As	0.02	0.02	0.02
Cd	0.11	0.10	0.15
Cr	1.44	1.28	1.85
Cu	9.47	8.45	14.52
Pb	0.38	0.34	0.63
Hg	0.02	0.02	0.04
Mo	0.32	0.28	0.54
Ni	1.07	0.96	1.49
Se	0.16	0.14	0.20
Zn	14.78	13.19	23.05
Plant Available - N	201.00	179.37	513.94



**NATIONAL
GEOGRAPHIC**



TN 12°
 05/08/06

LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd. B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: SOLID SAMPLES BLANKET

Sampled: 10/12/06
Received: 10/12/06
Issued: 10/26/06 11:40

NELAP #01108CA California ELAP#1197 CSDLAC #10256


The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
IPJ1167-01	MBC	Solid
IPJ1167-02	RIV	Solid
IPJ1167-03	SBN	Solid

Reviewed By:



TestAmerica - Irvine, CA
Trevor Brenner For Kathleen A. Robb
Project Manager

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd. B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: SOLID SAMPLES BLANKET

Report Number: IPJ1167

Sampled: 10/12/06
Received: 10/12/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPJ1167-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6J13095	7.6	ND	0.99	10/13/2006	10/23/2006	
Cadmium	EPA 6010B	6J13095	1.9	2.6	0.99	10/13/2006	10/23/2006	
Chromium	EPA 6010B	6J13095	3.8	71	0.99	10/13/2006	10/23/2006	
Copper	EPA 6010B	6J13095	7.6	760	0.99	10/13/2006	10/23/2006	
Lead	EPA 6010B	6J13095	7.6	27	0.99	10/13/2006	10/23/2006	
Mercury	EPA 7471A	6J17052	0.077	1.8	1	10/17/2006	10/17/2006	
Molybdenum	EPA 6010B	6J13095	7.6	20	0.99	10/13/2006	10/23/2006	
Nickel	EPA 6010B	6J13095	7.6	83	0.99	10/13/2006	10/23/2006	
Selenium	EPA 6010B	6J13095	7.6	10	0.99	10/13/2006	10/23/2006	
Zinc	EPA 6010B	6J13095	19	1000	0.99	10/13/2006	10/23/2006	
Sample ID: IPJ1167-02 (RIV - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6J13095	14	ND	0.99	10/13/2006	10/23/2006	
Cadmium	EPA 6010B	6J13095	3.4	ND	0.99	10/13/2006	10/23/2006	
Chromium	EPA 6010B	6J13095	6.9	37	0.99	10/13/2006	10/23/2006	
Copper	EPA 6010B	6J13095	14	840	0.99	10/13/2006	10/23/2006	
Lead	EPA 6010B	6J13095	14	29	0.99	10/13/2006	10/23/2006	
Mercury	EPA 7471A	6J17052	0.14	1.2	1	10/17/2006	10/17/2006	
Molybdenum	EPA 6010B	6J13095	14	21	0.99	10/13/2006	10/23/2006	
Nickel	EPA 6010B	6J13095	14	22	0.99	10/13/2006	10/23/2006	
Selenium	EPA 6010B	6J13095	14	ND	0.99	10/13/2006	10/23/2006	
Zinc	EPA 6010B	6J13095	34	980	0.99	10/13/2006	10/23/2006	
Sample ID: IPJ1167-03 (SBN - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6J13095	15	ND	0.995	10/13/2006	10/23/2006	
Cadmium	EPA 6010B	6J13095	3.7	ND	0.995	10/13/2006	10/23/2006	
Chromium	EPA 6010B	6J13095	7.4	25	0.995	10/13/2006	10/23/2006	
Copper	EPA 6010B	6J13095	15	420	0.995	10/13/2006	10/23/2006	
Lead	EPA 6010B	6J13095	15	15	0.995	10/13/2006	10/23/2006	
Mercury	EPA 7471A	6J17052	0.15	1.1	1	10/17/2006	10/17/2006	
Molybdenum	EPA 6010B	6J13095	15	ND	0.995	10/13/2006	10/23/2006	
Nickel	EPA 6010B	6J13095	15	15	0.995	10/13/2006	10/23/2006	
Selenium	EPA 6010B	6J13095	15	ND	0.995	10/13/2006	10/23/2006	
Zinc	EPA 6010B	6J13095	37	740	0.995	10/13/2006	10/23/2006	

TestAmerica - Irvine, CA
Trevor Brenner For Kathleen A. Robb
Project Manager

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IPJ1167 <Page 2 of 13>

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ANALYTICAL TESTING CORPORATION

Solid Solutions: Seal Beach
13540 Seal Beach Blvd. B-382
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: SOLID SAMPLES BLANKET

Report Number: IPJ1167

Sampled: 10/12/06
Received: 10/12/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPJ1167-01 (MBC - Solid)								
Reporting Unit: %								
Percent Solids	EPA 160.3 MOD	6216102	0.100	26.1	1	10/16/2006	10/16/2006	
Sample ID: IPJ1167-01 (MBC - Solid)								
Reporting Unit: mg/kg								
Ammonia-N	EPA 350.3 MOD	6217076	100	660	20	10/17/2006	10/17/2006	
Nitrate-N	EPA 300.0	6213069	1.0	ND	1	10/13/2006	10/13/2006	
Sample ID: IPJ1167-02 (RIV - Solid)								
Reporting Unit: %								
Percent Solids	EPA 160.3 MOD	6216102	0.100	14.4	1	10/16/2006	10/16/2006	
Sample ID: IPJ1167-02 (RIV - Solid)								
Reporting Unit: mg/kg								
Ammonia-N	EPA 350.3 MOD	6217076	100	690	20	10/17/2006	10/17/2006	
Nitrate-N	EPA 300.0	6213069	1.0	ND	0.698	10/13/2006	10/13/2006	
Sample ID: IPJ1167-03 (SBN - Solid)								
Reporting Unit: %								
Percent Solids	EPA 160.3 MOD	6216102	0.100	13.5	1	10/16/2006	10/16/2006	
Sample ID: IPJ1167-03 (SBN - Solid)								
Reporting Unit: mg/kg								
Ammonia-N	EPA 350.3 MOD	6217076	100	550	20	10/17/2006	10/17/2006	
Nitrate-N	EPA 300.0	6213069	1.0	ND	1	10/13/2006	10/13/2006	

TestAmerica - Irvine, CA
Trevor Brenner For Kathleen A. Robb
Project Manager

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IPJ1167 (Page 3 of 13)

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
 11540 Seal Beach Blvd. B-282
 Seal Beach, CA 90740
 Attention: Brian Reyes

Project ID: SOLID SAMPLES BLANKEET
 Report Number: IPJ1167

Sampled: 10-12-06
 Received: 10-12-06

Analyte	Method	Solids			Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
		Batch	Reporting Limit	Sample Result				
Sample ID: IPJ1167-01 (MBC - Solid)								
Reporting Units: %								
Total Solids:	SM 2540B	6718010	0.10	26	1	10-16-2006	10-18-2006	
Sample ID: IPJ1167-02 (RTV - Solid)								
Reporting Units: %								
Total Solids:	SM 2540B	6718010	0.10	15	1	10-16-2006	10-18-2006	
Sample ID: IPJ1167-03 (SBN - Solid)								
Reporting Units: %								
Total Solids:	SM 2540B	6718010	0.10	14	1	10-16-2006	10-18-2006	

TestAmerica - Irvine, CA
 Trevor Brauner For Kathleen A. Robb
 Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced except in full, without written permission from TestAmerica.

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
11340 Seal Beach Blvd. B-385
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: SOLID SAMPLES BLANKET

Report Number: IPJ1167

Sampled: 10/12/06
Received: 10/12/06

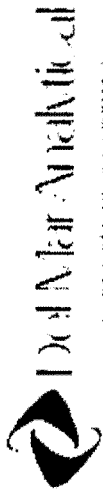
Nutrients

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPJ1167-01 (MBC - Solid) Reporting Unit: mg/kg dry Kjeldahl Nitrogen	EPA 351.2	6725016	2500	47000	10	10/23/2006	10/24/2006	
Sample ID: IPJ1167-02 (RTV - Solid) Reporting Unit: mg/kg dry Kjeldahl Nitrogen	EPA 351.2	6725016	5700	60000	10	10/23/2006	10/24/2006	
Sample ID: IPJ1167-03 (SBN - Solid) Reporting Unit: mg/kg dry Kjeldahl Nitrogen	EPA 351.2	6725016	7300	71000	10	10/23/2006	10/24/2006	

TestAmerica - Irvine, CA
Trevor Branner For Kathleen A. Robb
Project Manager

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IPJ1167 (Page 5 of 13)



CHAIN OF CUSTODY FORM

Sample Name: PHARM BENCH
 Sample ID: PHARM BENCH
 Date: 11/11/11
 Time: 10:00 AM
 Location: PHARM BENCH

Sample Name	Sample ID	Sample Type	Container Type	Sampling Date	Sampling Time	Inspector	Remarks
PHARM BENCH	PHARM BENCH	PHARM BENCH	PHARM BENCH	11/11/11	10:00 AM	PHARM BENCH	PHARM BENCH
PHARM BENCH	PHARM BENCH	PHARM BENCH	PHARM BENCH	11/11/11	10:00 AM	PHARM BENCH	PHARM BENCH
PHARM BENCH	PHARM BENCH	PHARM BENCH	PHARM BENCH	11/11/11	10:00 AM	PHARM BENCH	PHARM BENCH

Received By: [Signature] Date/Time: 11/11/11 10:00 AM
 Returned By: [Signature] Date/Time: 11/11/11 10:00 AM
 Total Time: 04:00 (Check)

NOTE: By utilizing this form as a Do Mat Analytical chain of custody, the user agrees to use the information requested on this chain of custody form and any other information furnished on this project. Payment for services is due within 30 days from the date of invoice. Satisfaction will be assured after 30 days.

Fleet Industries, Inc.
12340 Seal Beach Blvd, Ste B-383
Seal Beach, CA 90740

Monthly Biosolids Report to

City of San Diego

For December 2006

Table of Contents

- **Monthly Application Summary**
- **Daily Load Delivery Log**
- **Field Report**
- **Field Map**
- **Lab Analysis**

City of San Diego Monthly Application Summary - December 2006

Date: 1/1/2007

County: Yuma

Field Number: YM 1-5

Number of Acres: 102.37

Month Applied:	Dec-06	
Wet Tons Applied:	247.02	
Percent Solids:	26	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	41700.00	58.63
NH3	1700.00	2.39
NO3	0.00	0.00
Organic N	40000.00	56.24
As	0.00	0.00
Cd	2.70	0.00
Cr	88.00	0.12
Cu	800.00	1.12
Pb	26.00	0.04
Hg	1.30	0.00
Mo	20.0	0.03
Ni	94.0	0.13
Se	9.8	0.01
Zn	1100.00	1.55
PAN	8850.00	12.44

City of San Diego Monthly Application Summary - December 2006

Date: 1/1/2007

County: Yuma

Field Number: YM 1-8

Number of Acres: 73.91

Month Applied:	Dec-06	
Wet Tons Applied:	349.15	
Percent Solids:	26	
Constituent	Analysis (mg/kg)	kg/hectare Applied
TKN	41700.00	114.78
NH3	1700.00	4.68
NO3	0.00	0.00
Organic N	40000.00	110.10
As	0.00	0.00
Cd	2.70	0.01
Cr	88.00	0.24
Cu	800.00	2.20
Pb	26.00	0.07
Hg	1.30	0.00
Mo	20.0	0.06
Ni	94.0	0.26
Se	9.8	0.03
Zn	1100.00	3.03
PAN	8850.00	24.36

Date	Ticket No.	Wt. Ticket No.	Destination	Gross	Tare	Net	Tons
12/1/06	45895	32921371	YM 1-5	79780	30560	49220	24.61
12/1/06	45896	32921368	YM 1-5	78900	31880	47020	23.51
12/1/06	45897		YM 1-5	79840	30880	48960	24.48
12/4/06	45928	32920404	YM 1-5	80480	30700	49780	24.89
12/4/06	45929	32920419	YM 1-5	80040	30420	49620	24.81
12/5/06	45951	32920669	YM 1-5	80600	31500	49100	24.55
12/5/06	45953	32920683	YM 1-5	80720	30460	50260	25.13
12/6/06	45972	32920936	YM 1-5	80380	30600	49780	24.89
12/6/06	45974	32920946	YM 1-5	79460	30540	48920	24.46
12/7/06	45989	32921201	YM 1-5	82240	30860	51380	25.69
12/11/06	46007	34037739	YM 1-8	80420	30000	50420	25.21
12/12/06	46028	34037978	YM 1-8	80640	30220	50420	25.21
12/13/06	46048	19612	YM 1-8	79980	31300	48680	24.34
12/15/06	46087	34038775	YM 1-8	80160	32100	48060	24.03
12/15/06	46088	34038784	YM 1-8	80260	31300	48960	24.48
12/18/06	46135	34039373	YM 1-8	80980	29560	51420	25.71
12/19/06	46143	34039646	YM 1-8	80600	30040	50560	25.28
12/20/06	46162	34039968	YM 1-8	80660	30800	49860	24.93
12/21/06	46182	34443355	YM 1-8	80800	31500	49300	24.65
12/22/06	46203	34443624	YM 1-8	80060	29840	50220	25.11
12/26/06	46235	34444149	YM 1-8	80220	29880	50340	25.17
12/27/06	46255	34444385	YM 1-8	79580	30060	49520	24.76
12/28/06	46268	34444600	YM 1-8	79920	29700	50220	25.11
12/29/06	46288	34979270	YM 1-8	80060	29740	50320	25.16

596.17

Field Report - December 2006

Field Code: YM 1-5
 Date: 1/1/2007
 Total Acres: 102.37
 Latitude: 32.48'55" N
 Longitude: 113.26'15" W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Feb-07
 Harvesting Date: Mar-07

Wet Tons Applied: 3317.33
 Dry Tons Applied: 807.13
 Metric Tons Applied: 3011.47
 Metric Dry Tons Applied: 732.71
 Wet Metric Tons/ha: 72.67
 Dry Metric Tons/ha: 17.68
 Wet Tons Applied/acre: 32.41

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	1099.04	980.78	2583.23
NH3	93.43	83.38	147.13
NO3	0.00	0.00	0.00
Organic N	1005.61	897.40	2436.10
As	0.03	0.03	0.03
Cd	0.13	0.11	0.17
Cr	1.80	1.61	2.21
Cu	11.68	10.43	16.74
Pb	0.48	0.42	0.72
Hg	0.03	0.02	0.05
Mo	0.38	0.34	0.60
Ni	1.36	1.21	1.77
Se	0.20	0.18	0.24
Zn	18.94	16.90	27.21
Plant Available - N	247.84	221.17	560.79

Field Report - December 2006

Field Code: YM 1-8
 Date: 1/1/2007
 Total Acres: 73.91
 Latitude: 32.4830 N
 Longitude: 113.2615 W
 Crop: Corn
 Crop Nitrogen Usage: 325 #/acre
 Seeding Date: Feb-07
 Harvesting Date: Mar-07

Wet Tons Applied: 2291.7
 Dry Tons Applied: 549.24
 Metric Tons Applied: 2080.41
 Metric Dry Tons Applied: 498.60
 Wet Metric Tons/ha: 69.54
 Dry Metric Tons/ha: 16.67
 Wet Tons Applied/acre: 31.01

Constituent	Kilograms Applied Year to Date (kg/ha)	Pounds Applied Year to Date (lbs/ac)	Kilograms Applied Project to Date (kg/ha)
TKN	770.87	687.92	1813.02
NH3	89.28	79.68	101.92
NO3	0.01	0.01	0.01
Organic N	681.58	608.24	1711.09
As	0.06	0.05	0.06
Cd	0.10	0.09	0.18
Cr	1.50	1.34	2.55
Cu	6.93	6.19	18.13
Pb	0.33	0.29	0.68
Hg	0.02	0.02	0.05
Mo	0.27	0.24	0.54
Ni	1.01	0.90	1.85
Se	0.20	0.18	0.27
Zn	14.00	12.49	30.10
Plant Available - N	180.96	161.49	393.19

113.45000° W

113.43333° W

113.41667° W

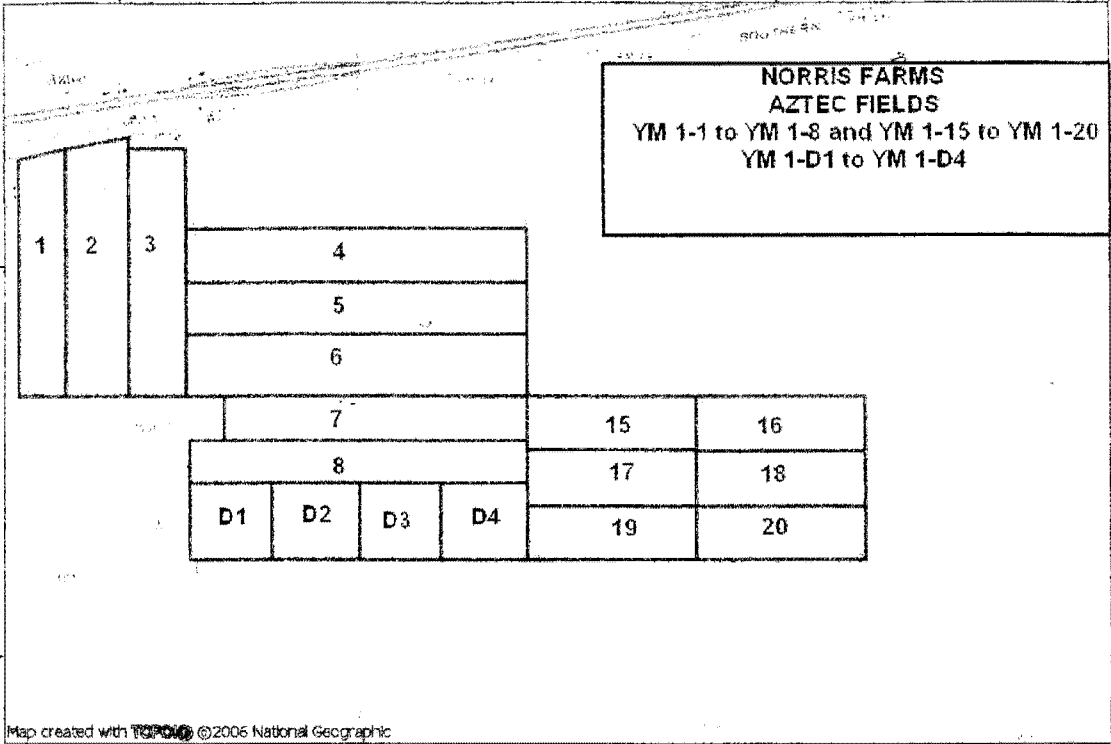
WGS84 113.40000° W

32.81667° N

32.81667° N

32.80000° N

32.80000° N



Map created with TOPOLOG ©2006 National Geographic

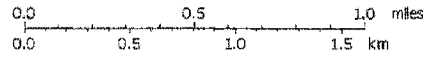
113.45000° W

113.43333° W

113.41667° W

WGS84 113.40000° W

NATIONAL GEOGRAPHIC



TN MN 12°

09/08/06

LABORATORY REPORT

Prepared For: Solid Solutions, Seal Beach
12340 Seal Beach Blvd. B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project: Blanker
Solid Samples Blanket

Sampled: 11 21 06
Received: 11 21 06
Issued: 12 06 06 10:29

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable configurations as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: This is a complete final report.

LABORATORY ID	CLIENT ID	MATRIX
IPK2420-01	MBC	Solid
IPK2420-02	SBN	Solid
IPK2420-03	RIV	Solid

Reviewed By:

Kathleen A. Robb
TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd. B-383
Seal Beach, CA 90740
Attention: Brian Reyes

Project ID: Blanket
Solid Samples Blanket
Report Number: IPK2420

Sampled: 11/21/06
Received: 11/21/06

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK2420-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6K22100	7.7	ND	1	11/22/2006	11/23/2006	
Cadmium	EPA 6010B	6K22100	1.9	2.7	1	11/22/2006	11/23/2006	
Chromium	EPA 6010B	6K22100	3.8	88	1	11/22/2006	11/23/2006	
Copper	EPA 6010B	6K22100	7.7	800	1	11/22/2006	11/23/2006	
Lead	EPA 6010B	6K22100	7.7	26	1	11/22/2006	11/23/2006	
Mercury	EPA 7471A	6K227079	0.077	1.3	1	11/27/2006	11/27/2006	
Molybdenum	EPA 6010B	6K22100	7.7	20	1	11/22/2006	11/23/2006	
Nickel	EPA 6010B	6K22100	7.7	94	1	11/22/2006	11/23/2006	
Selenium	EPA 6010B	6K22100	7.7	9.8	1	11/22/2006	11/23/2006	
Zinc	EPA 6010B	6K22100	14	1100	1	11/22/2006	11/23/2006	
Sample ID: IPK2420-02 (SBN - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6K22100	15	ND	0.995	11/22/2006	11/23/2006	
Cadmium	EPA 6010B	6K22100	3.9	ND	0.995	11/22/2006	11/23/2006	
Chromium	EPA 6010B	6K22100	7.7	30	0.995	11/22/2006	11/23/2006	
Copper	EPA 6010B	6K22100	15	510	0.995	11/22/2006	11/23/2006	
Lead	EPA 6010B	6K22100	15	22	0.995	11/22/2006	11/23/2006	
Mercury	EPA 7471A	6K227079	0.16	1.6	1	11/27/2006	11/27/2006	
Molybdenum	EPA 6010B	6K22100	15	ND	0.995	11/22/2006	11/23/2006	
Nickel	EPA 6010B	6K22100	15	19	0.995	11/22/2006	11/23/2006	
Selenium	EPA 6010B	6K22100	15	ND	0.995	11/22/2006	11/23/2006	
Zinc	EPA 6010B	6K22100	39	940	0.995	11/22/2006	11/23/2006	
Sample ID: IPK2420-03 (RIV - Solid)								
Reporting Units: mg/kg dry								
Arsenic	EPA 6010B	6K22100	15	ND	0.99	11/22/2006	11/23/2006	
Cadmium	EPA 6010B	6K22100	3.8	ND	0.99	11/22/2006	11/23/2006	
Chromium	EPA 6010B	6K22100	7.6	33	0.99	11/22/2006	11/23/2006	
Copper	EPA 6010B	6K22100	15	850	0.99	11/22/2006	11/23/2006	
Lead	EPA 6010B	6K22100	15	29	0.99	11/22/2006	11/23/2006	
Mercury	EPA 7471A	6K227079	0.15	2.2	1	11/27/2006	11/27/2006	
Molybdenum	EPA 6010B	6K22100	15	18	0.99	11/22/2006	11/23/2006	
Nickel	EPA 6010B	6K22100	15	25	0.99	11/22/2006	11/23/2006	
Selenium	EPA 6010B	6K22100	15	ND	0.99	11/22/2006	11/23/2006	
Zinc	EPA 6010B	6K22100	38	940	0.99	11/22/2006	11/23/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

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IPK2420 - Page 2 of 11

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions Seal Beach
12340 Seal Beach Blvd. B-383
Seal Beach, CA 90740
Attention: Brian Reye

Project ID: Blauher
Solid Samples Blauher
Report Number: IPK2420

Sampled: 11/21/06
Received: 11/21/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK2420-01 (MBC - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6K25040	0.10	26	1	11/25/2006	11/25/2006	
Sample ID: IPK2420-01 (MBC - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD	6L03038	100	1700	50	12/3/2006	12/4/2006	
Nitrate-N	EPA 300.0	6L05097	1.1	ND	1	12/5/2006	12/5/2006	
Sample ID: IPK2420-02 (SBN - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6K25040	0.10	13	1	11/25/2006	11/25/2006	
Sample ID: IPK2420-02 (SBN - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD	6L03038	100	890	20	12/3/2006	12/4/2006	
Nitrate-N	EPA 300.0	6L05097	1.1	ND	1	12/5/2006	12/5/2006	
Sample ID: IPK2420-03 (RIV - Solid)								
Reporting Units: %								
Percent Solids	EPA 160.3 MOD	6K25040	0.10	13	1	11/25/2006	11/25/2006	
Sample ID: IPK2420-03 (RIV - Solid)								
Reporting Units: mg/kg								
Ammonia-N	EPA 350.3 MOD	6L03038	100	960	20	12/3/2006	12/4/2006	
Nitrate-N	EPA 300.0	6L05097	1.1	ND	1	12/5/2006	12/5/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced except in full without written permission from TestAmerica.

IPK2420 <Page 3 of 11>

TestAmerica

ANALYTICAL TESTING CORPORATION

Solid Solutions, Seal Beach
12340 Seal Beach Blvd. B-383
Seal Beach, CA 90746
Attention: Brian Reye

Project ID: Blanket
Solid Samples Blanket
Report Number: IPE2420

Sampled: 11/21/06
Received: 11/21/06

General Chemistry Parameters

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPE2420-01 (MBC - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6120544	0.500	16.0	1	11/25/2006	11/25/2006	SPS
Sample ID: IPE2420-01 (MBC - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6120003	1540	41700	20	12/1/2006	12/1/2006	
Sample ID: IPE2420-02 (SBN - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6120544	0.500	13.0	1	11/25/2006	11/25/2006	SPS
Sample ID: IPE2420-02 (SBN - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6120003	3080	51800	20	12/1/2006	12/1/2006	
Sample ID: IPE2420-03 (RIW - Solid)								
Reporting Units: %								
% Dry Solids	SW-846	6120544	0.500	13.0	1	11/25/2006	11/25/2006	SPS
Sample ID: IPE2420-03 (RIW - Solid)								
Reporting Units: mg/kg dry								
Total Kjeldahl Nitrogen	EPA 351.2M	6120003	3080	58200	20	12/1/2006	12/1/2006	

TestAmerica - Irvine, CA
Kathleen A. Robb
Project Manager

The results pertain only to the samples tested by the laboratory. This report shall not be reproduced except in full without written permission from TestAmerica.

IPE2420 -Page 4 of 11>



LaxiMear Analytical

CHANGE CUSTOMER FORM

Project Manager

Sono Ximaris

Sample Manager

Sample Name

BRUN BEVES
BRUN BEVES

Sample Description

MBC
SBN
RV

Sample Matrix

S
S
S

Customer Type

G
G
G

Collection Date

11/21/06 10:00 AM
11/21/06 10:00 AM
11/21/06 10:00 AM

Sample ID

112106-003
112106-001

Sample Location

21/06/06
21/06/06
21/06/06

Sample Quantity

1
1
1

Sample Weight

1
1
1

Sample Volume

1
1
1

Sample Temperature

1
1
1

Sample Date

11/21/06
11/21/06
11/21/06

Sample Time

10:00
10:00
10:00

Sample Operator

1
1
1

* SUBMIT TO N
ALPHEO METALS IN REL.VT.

2A 11/21/06
16:20

Submitted By

[Signature]

Date/Time

11/21/06 1:55 P.M.

Received By

[Signature]

Date/Time

11/21/06 1:33

Turnaround Time

24 hours
48 hours
72 hours
5 days
number

Sample Quantity

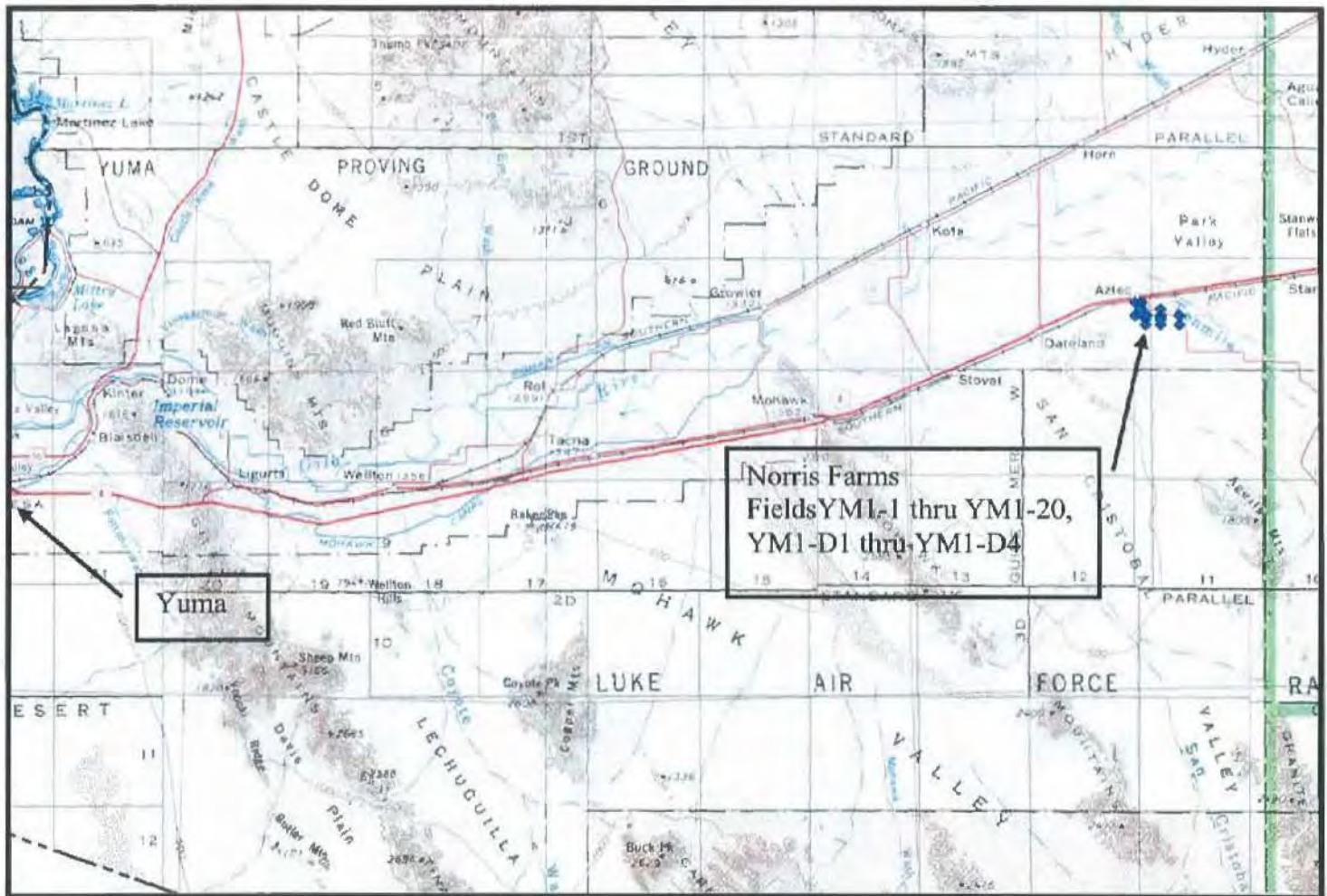
102

Note: By submitting samples to LaxiMear Analytical, you agree to pay for the services requested on this Change Customer Form and any samples accepted as per the project. Payment for samples is due within 30 days from the date of receipt. Samples will be disposed of after 30 days.

7261

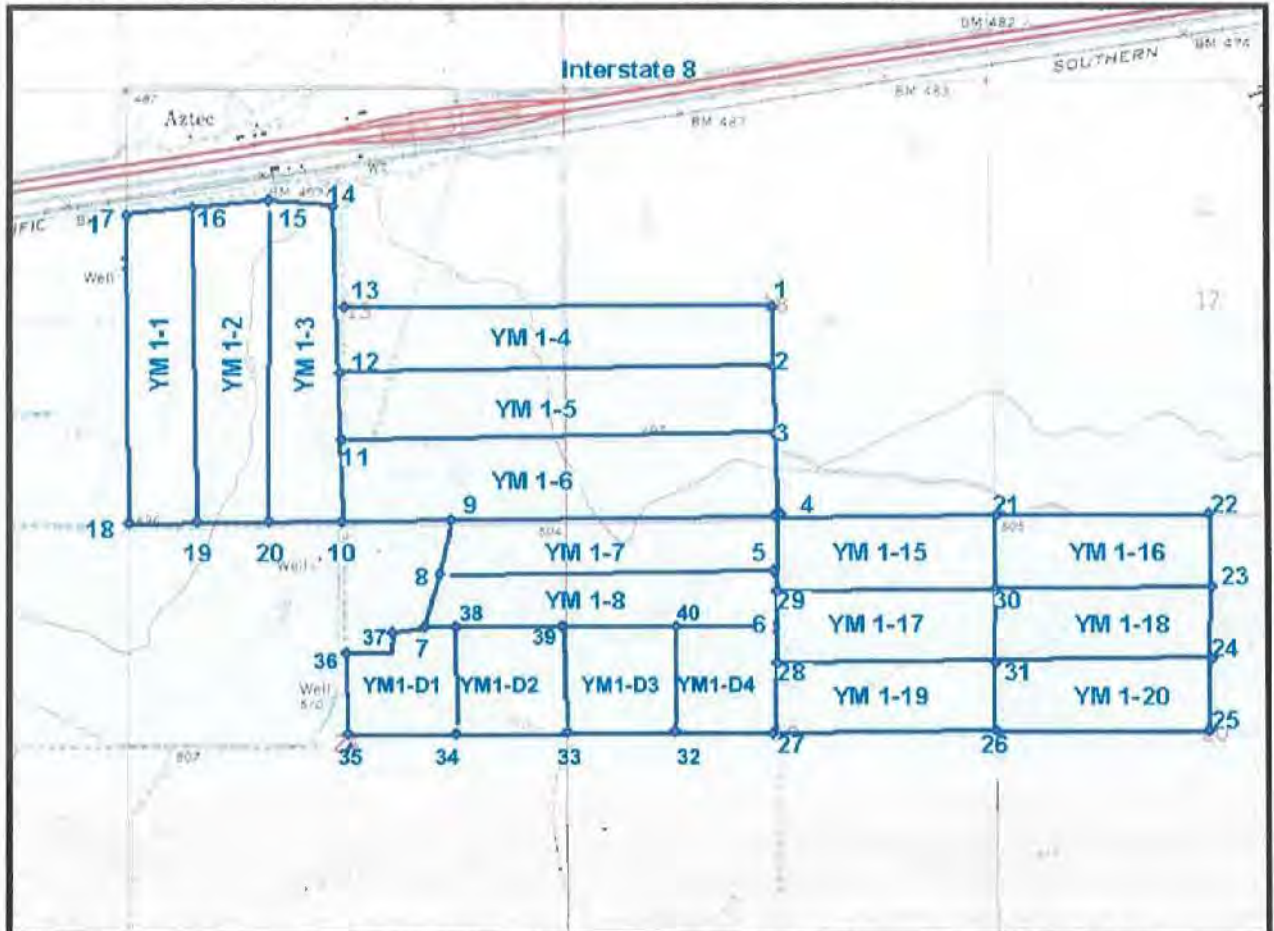
Enclosure 12 Maps showing areas of land application/beneficial reuse in 2006.

**San Diego Landfills/Solid Solutions
Fields YM1-1 thru YM1-20, YM1-D1 thru YM1-D4
Norris Farm
Aztec Arizona**



San Diego Landfills/Solid Solutions Norris Farms Aztec, Arizona

Fields YM1-1 thru YM1-8 and YM1-15 thru YM1-20, YM1-D1 to YM1-D4



Wpt 1 N32°49.101'
W113°25.777'
Wpt 2 N32°48.981'
W113°25.777'
Wpt 3 N32°48.846'
W113°25.775'
Wpt 4 N32°48.683'
W113°25.774'
Wpt 5 N32°48.570'
W113°25.780'
Wpt 6 N32°48.456'
W113°25.777'
Wpt 7 N32°48.460'
W113°26.605'
Wpt 8 N32°48.567'
W113°26.570'
Wpt 9 N32°48.673'
W113°26.542'
Wpt 10 N32°48.670'
W113°26.801'
Wpt 11 N32°48.834'
W113°26.802'

Wpt 12 N32°48.971'
W113°26.803'
Wpt 13 N32°49.101'
W113°26.792'
Wpt 14 N32°49.306'
W113°26.821'
Wpt 15 N32°49.315'
W113°26.946'
Wpt 16 N32°49.302'
W113°27.155'
Wpt 17 N32°49.286'
W113°27.310'
Wpt 18 N32°48.667'
W113°27.303'
Wpt 19 N32°48.672'
W113°27.143'
Wpt 20 N32°48.670'
W113°26.976'
Wpt 21 N32°48.682'
W113°25.251'
Wpt 22 N32°48.686'
W113°24.748'

Wpt 23 N32°48.539'
W113°24.743'
Wpt 24 N32°48.395'
W113°24.744'
Wpt 25 N32°48.251'
W113°24.748'
Wpt 26 N32°48.278'
W113°25.254'
Wpt 27 N32°48.245'
W113°25.782'
Wpt 28 N32°48.388'
W113°25.773'
Wpt 29 N32°48.531'
W113°25.770'
Wpt 30 N32°48.535'
W113°25.255'
Wpt 31 N32°48.388'
W113°25.255'
Wpt 32 N32°48.251'
W113°26.015'
Wpt 33 N32°48.245'
W113°26.273'

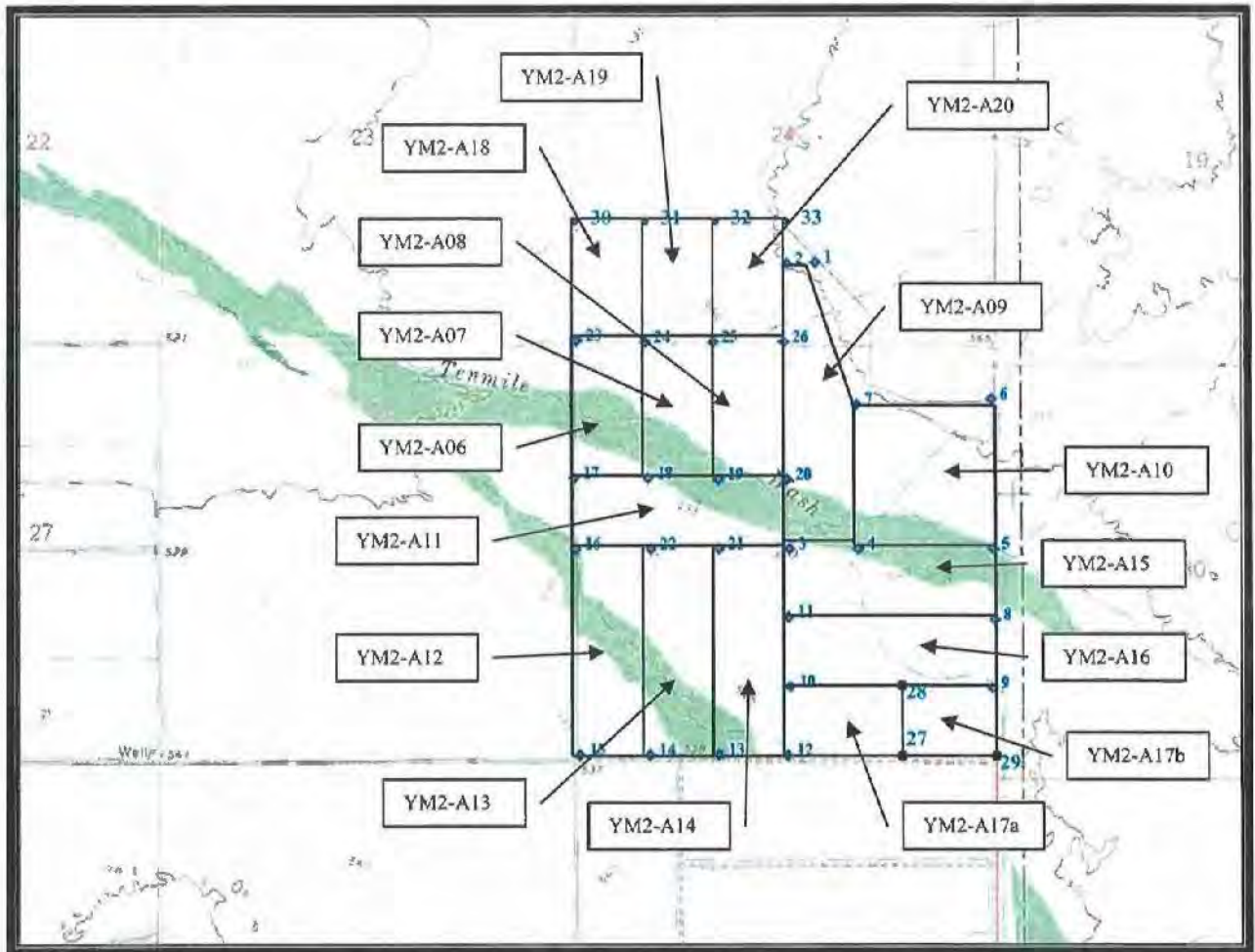
Wpt 34 N32°48.247'
W113°26.532'
Wpt 35 N32°48.247'
W113°26.788'
Wpt 36 N32°48.406'
W113°26.789'
Wpt 37 N32°48.448'
W113°26.681'
Wpt 38 N32°48.460'
W113°26.532'
Wpt 39 N32°48.460'
W113°26.281'
Wpt 40 N32°48.460'
W113°26.013'

**San Diego Landfill Systems/Solid Solutions
Fields YM2-A01 thru YM2-A05
Cullison Farms, Arizona**



Wpt 1) N32*48.924'	Wpt 9) N32*48.059'	Wpt 17) N32*48.841'
W113*20.484'	W113*20.789'	W113*48.841'
Wpt 2) N32*48.919'	Wpt 10) N32*48.059'	Wpt 18) N32*48.908'
W113*20.300'	W113*20.963'	W113*20.660'
Wpt 3) N32*48.496'	Wpt 11) N32*48.061'	
W113*20.248'	W113*21.133'	
Wpt 4) N32*48.506'	Wpt 12) N32*49.012'	
W113*20.420'	W113*21.121'	
Wpt 5) N32*48.430'	Wpt 13) N32*49.005'	
W113*20.424'	W113*20.951'	
Wpt 6) N32*48.433'	Wpt 14) N32*48.785'	
W113*20.603'	W113*20.956'	
Wpt 7) N32*48.243'	Wpt 15) N32*48.791'	
W113*20.613'	W113*20.798'	
Wpt 8) N32*48.056'	Wpt 16) N32*48.836'	
W113*20.626'	W113*20.811'	

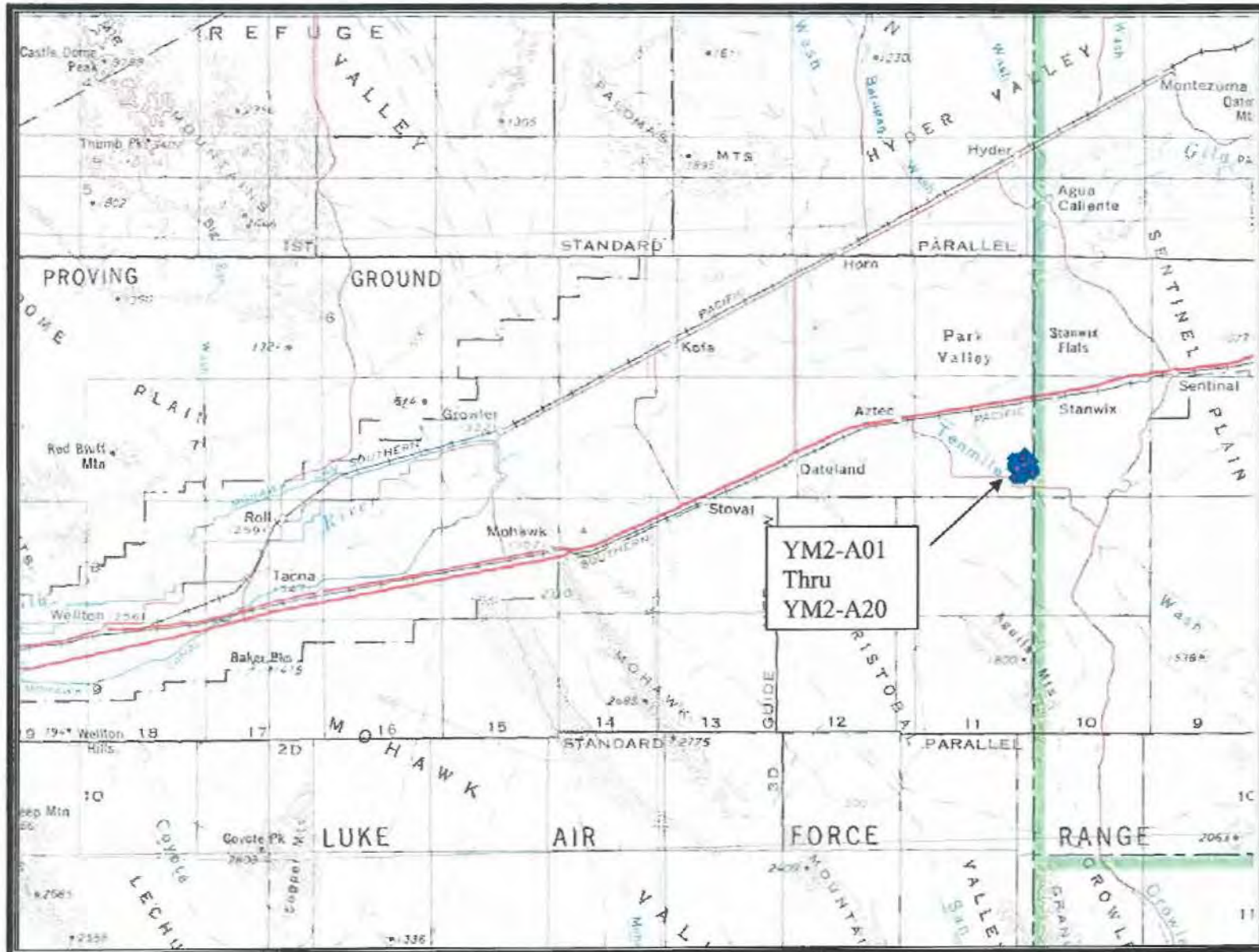
Solid Solutions Fields YM2-A06 thru YM2-A20 Cullison Farm



Waypoint Coordinates:

#1) N32°47.986'	#10) N32°47.092'	#19) N32°47.531'	#28) N32°47.092'
W113°20.537'	W113°20.603'	W113°20.781'	W113°20.344'
#2) N32°47.985'	#11) N32°47.240'	#20) N32°47.530'	#29) N32°46.940'
W113°20.611'	W113°20.605'	W113°20.610'	W113°20.099'
#3) N32°47.384'	#12) N32°46.949'	#21) N32°47.383'	#30) N32°48.062'
W113°20.603'	W113°20.609'	W113°20.779'	W113°21.134'
#4) N32°47.383'	#13) N32°46.951'	#22) N32°47.384'	#31) N32°48.062'
W113°20.432'	W113°20.780'	W113°20.950'	W113°20.967'
#5) N32°47.383'	#14) N32°46.951'	#23) N32°47.822'	#32) N32°48.062'
W113°20.096'	W113°20.953'	W113°21.134'	W113°20.786'
#6) N32°47.699'	#15) N32°46.950'	#24) N32°47.820'	#33) N32°48.062'
W113°20.101'	W113°21.124'	W113°20.963'	W113°20.627'
#7) N32°47.688'	#16) N32°47.384'	#25) N32°47.820'	
W113°20.435'	W113°21.136'	W113°20.782'	
#8) N32°47.233'	#17) N32°47.532'	#26) N32°47.820'	
W113°20.094'	W113°21.138'	W113°20.617'	
#9) N32°47.091'	#18) N32°47.531'	#27) N32°46.940'	
W113°20.099'	W113°20.956'	W113°20.344'	

Solid Solutions Fields YM2-A01 thru YM2-A20 Cullison Farms, Aztec, Arizona



Enclosure 13 Methods of Analysis of Biosolids samples by the City of San Diego

All Title 22 and CFR 503 analyses were performed by our in-house laboratories. These laboratories are certified by the California Environmental Laboratory Accreditation Program (ELAP) under one or more of the following certificate numbers: 1609, 2474, 2477, 2478, and 2539.

DRIED SLUDGE (DEWATERED BIOSOLIDS): Metro Biosolids Center (General)

Analyte	Description	Reference ¹
Cyanide	Acid Digest-Distillation Colorimetric	(c) 9010 A
Cyanide Reactive	Distillation / Colorimetric	7.3.3.2
pH	Hydrogen+Reference Electrode	(c) 9045 C
Radiation (alpha & beta)	Gross proportional counter (Truesdail Labs Inc.)	(h) 7110 B
Sulfides	Acid Digest-Distil / Titration	(c) 9030 B
Sulfides, reactive	Distillation / Titration	7.3.4.2
Solids, Total	Gravimetric @ 103-105°C	(h) 2540 B
Solids, Total-Volatile	Gravimetric @ 500°C	(h) 2540 E

DRIED SLUDGE: Metro Biosolids Center (Metals)

Analyte	Description	Reference ¹
Aluminum	Acid Digestion / ICP-AES	(c) 6010 B
Antimony	Acid Digestion / ICP-AES	(c) 6010 B
Arsenic	Hydride Generation / AA	(c) 7062
Barium	Acid Digestion / ICP-AES	(c) 6010 B
Beryllium	Acid Digestion / ICP-AES	(c) 6010 B
Boron	Acid Digestion / ICP-AES	(c) 6010 B
Cadmium	Acid Digestion / ICP-AES	(c) 6010 B
Chromium	Acid Digestion / ICP-AES	(c) 6010 B
Cobalt	Acid Digestion / ICP-AES	(c) 6010 B
Copper	Acid Digestion / ICP-AES	(c) 6010 B
Iron	Acid Digestion / ICP-AES	(c) 6010 B
Lead	Acid Digestion / ICP-AES	(c) 6010 B
Manganese	Acid Digestion / ICP-AES	(c) 6010 B
Mercury	Cold Vapor Generation / AA	(c) 7471 A
Molybdenum	Acid Digestion / ICP-AES	(c) 6010 B
Nickel	Acid Digestion / ICP-AES	(c) 6010 B
Selenium	Hydride Generation / AA	(c) 7742
Silver	Acid Digestion / ICP-AES	(c) 6010 B
Thallium	Acid Digestion / ICP-AES	(c) 6010 B
Vanadium	Acid Digestion / ICP-AES	(c) 6010 B
Zinc	Acid Digestion / ICP-AES	(c) 6010 B

Waste Extraction Test (WET)	Extraction with Sodium Citrate ICP-AES	(r) Section 66261.100
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¹ Reference listing is found following this listing of analytical methods.

DRIED SLUDGE: Metro Biosolids Center (Organics)

Analyte	Description	Reference ¹
Acrolein and Acrylonitrile	Purge & Trap, GC-MSD	(c) 8260 B (aa)
Base/Neutral Extractables	CH ₂ Cl ₂ /Acetone sonication extraction, GC-MSD	(c) 8270 C (c) 3550 A (aa)
Benzidines	Basic / CH ₂ Cl ₂ Sonication extraction	(c) 8270C (c) 3550 A
Chlorinated Compounds	CH ₂ Cl ₂ extraction, GC-ECD	(c) 8081 A
PCBs	CH ₂ Cl ₂ extraction, GC-ECD	(c) 8082
Dioxin	Outside Contact (Severn Trent Labs)	(a) 8290
Herbicides	HPLC-UV/Vis Diode Array	(c) 8321/3545
Organophosphorus Pesticides	CH ₂ Cl ₂ extraction, hexane exchange, GC-PFPD	(c) 8141 A
Phenolic Compounds	CH ₂ Cl ₂ / Acetone sonication extraction, GC-MSD	(c) 8270 C (c) 3550 A (aa)
Purgeables (VOCs)	Purge & Trap, GC-MSD	(c) 8260 B
Tri, Di, and Monobutyl Tin	CH ₂ Cl ₂ extraction, derivatization, hexane exchange, GC-FPD	(z)

¹ Reference listing is found following this listing of analytical methods.

¹ Method References: Methods of Analysis Used to Produce the Data Presented in this Report.

- a) Methods for Chemical Analysis of Water and Wastes,
EPA, Environmental Monitoring and Support Laboratory, Cincinnati, Ohio,
March 1979 (EPA-600/4-79-020), 1983 Revision, and March 1984 (EPA-600/4-84-017).
- aa) U.S. EPA Contract Laboratory Program, Statement of Work for Organic Analysis,
Multi-Media, Multi-Concentration, 7/85 revision and 1/91 revision.
- b) Standard Methods for the Examination of Water and Wastewater,
APHA, AWWA, WPCF, 16th Edition, 1985
- bb) Standard Methods for the Examination of Water and Wastewater,
APHA, AWWA, WPCF, 17th Edition, 1989
- c) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,
U.S. EPA Office of Solid Waste and emergency Response,
Washington, D.C. 20460, November 1986, SW-846, Third Edition.
- g) Laboratory Procedures for the Examination of Seawater and Shellfish,
5th Edition, 1984, American Public Health Association.
- h) Standard Methods for the Examination of Water and Wastewater,
APHA, AWWA, WPCF, 18th Edition, 1992.
- j) Methods for Organic Analysis of Municipal and Industrial Wastewater,
EPA-600/4-82-057, July 1982.
- o) Official Methods of Analysis, 15th Edition,
Association of Official Analytical Chemists (AOAC), 1990.
- q) Federal Register, Vol. 56, No. 5, pp 636-643, January 8, 1991.

- r) Criteria for Identification of Hazardous and Extremely Hazardous Wastes, California Code of Regulations (CCR), Title 22.
- t) "Direct Current Plasma (DCP) Optical Emission Spectrometric Method for Trace Elemental Analysis of Water and Wastes, Method AES0029", 1986, revised 1991, Applied Research Laboratories (ARL) Inc., 24911 Avenue Stanford, Valencia, CA 91355.
- u) Radiochemical Procedures Manual, EPA-520/5-84-006, August 1984 (EPA 1984a) Eastern Environmental Radiation Facility, Montgomery, AL 36109.
- v) Procedures for Handling and Chemical Analysis of Sediment and Water Samples, Russel H. Plumb, Jr., May 1981, EPA/Corp of Engineers Technical Committee on Criteria for Dredged and Fill Material, EPA Contract 4805572010.
- w) California Administrative Code, Title 22, Division 4, Chapter 30, Section 66700.
- x) DIONEX AU 107, R.D.Rocklin and E.L.Johnson, ANAL. CHEM., 1983, 55, 4
- y) Manual of Analytical Methods For the Analysis of Pesticides In Humans and Environmental Samples, EPA-600/8-80-038, June 1980.
- z) Adaptation of method by the Naval Ocean Systems Center, San Diego, Marine Environment Branch, San Diego, CA 92152-5000
- #) "TOC/TN in Marine Sediments...", SCCWRP Annual Report, 1990-1991, and 1991-1992.
- %) "A Guide to Freeze Drying for the Laboratory...", LABCONCO, 3-53-5/94-Rosse-5M-R3, 1994.
- *) "Lipids Content in Fish Tissues via Accelerated Solvent Extraction...", WWChem, EMTS/MWWD, 1998

Enclosure 14 Copies of laboratory analyses of biosolid samples by Arizona certified laboratory,
(i.e. Legend Technical Services of Arizona, Inc.)



17631 North 25th Avenue • Phoenix, AZ 85023
P (602) 324-6100 • F (602) 324-6101
4585 S. Palo Verde Rd., Ste. 423 • Tucson, AZ 85714
P (520) 327-1234 • F (520) 327-0518

07 March 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6020159

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 02/02/06 13:00.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center 5240 Convoy St. San Diego, CA 92111-1227	Project: Monthly Biosolids Analysis Project Number: [none] Project Manager: Chuck Lockhart	Reported: 03/07/06 15:08
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDEWCN COMB/MBC CAKE COMPOSITE	6020159-01	Solid	Composite	01/31/06 00:00	02/02/06 13:00

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.

QA/QC Criteria: All analyses met method requirements unless otherwise qualified.

Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

Ammonia (EPA 350.3) analyzed by Del Mar analytical due to instrumentation failure at Legend. Result for Ammonia was dry weight corrected after receiving the final report from Del Mar. Del Mar licensure attached.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: [none]
 Project Manager: Chuck Lockhart

Reported:
 03/07/06 15:08

MBCDEWCN COMB/MBC CAKE COMPOSITE (6020159-01) Solid (Composite) Sampled: 01/31/06 00:00 Received: 02/02/06 13:00

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	4.27	4.00	mg/kg	1	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Cadmium	6.46	0.100	mg/kg	1	B6B0229	02/09/06 14:47	02/14/06 16:55	EPA 6010B	
Chromium	136	0.100	mg/kg	10	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Copper	2550	2.00	mg/kg	10	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Lead	92.8	20.0	mg/kg	10	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Mercury	18.2	0.17	mg/kg	1	B6B0353	02/13/06 09:00	02/13/06 15:00	EPA 7471A	
Molybdenum	59.5	8.00	mg/kg	10	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Nickel	106	4.00	mg/kg	10	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Selenium	5.21	4.00	mg/kg	1	B6B0229	02/09/06 14:47	02/20/06 00:00	EPA 6010B	
Zinc	3020	4.00	mg/kg	10	B6B0229	02/09/06 14:47	02/14/06 00:00	EPA 6010B	
Inorganic Chemistry									
Ammonia as N	96400	250	mg/kg	250	B6C0160	02/28/06 15:00	02/28/06 15:00	EPA 350.1	
Nitrate + Nitrite	<0.10	0.10	mg/kg	1	B6B0375	02/14/06 17:32	02/14/06 17:33	SM 4500 NO3 F	
Nitrite as N	<0.1	0.1	mg/kg	1	B6B0369	02/14/06 15:30	02/14/06 15:30	SM 4500 NO2 B	M2
Total Kjeldahl Nitrogen	35700	25.0	mg/kg	25	B6B0346	02/14/06 07:50	02/14/06 07:50	EPA 351.2	M4
Total Phosphorous	12800	50.0	mg/kg	1000	B6B0295	02/10/06 17:02	02/10/06 17:04	EPA 365.2	M4
Total Fixed Solids	48	1	%	1	B6B0224	02/07/06 19:30	02/07/06 19:30	SM 2540 G	
% Solids	28	1	%	1	B6B0224	02/07/06 19:30	02/07/06 19:30	SM 2540 G	
Total Volatile Solids [TVS]	52	1	%	1	B6B0224	02/07/06 19:30	02/07/06 19:30	SM 2540 G	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: [none]
 Project Manager: Chuck Lockhart

Reported:
 03/07/06 15:08

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6B0229 - EPA 3050B

Blank (B6B0229-BLK1)

Prepared: 02/09/06 Analyzed: 02/14/06

Arsenic	<4.00	4.00	mg/kg							
Cadmium	<0.100	0.100	mg/kg							
Chromium	<0.010	0.010	mg/kg							
Copper	<0.200	0.200	mg/kg							
Lead	<2.00	2.00	mg/kg							
Molybdenum	<0.80	0.80	mg/kg							
Nickel	<0.400	0.400	mg/kg							
Selenium	<4.00	4.00	mg/kg							
Zinc	<0.400	0.400	mg/kg							

LCS (B6B0229-BS1)

Prepared: 02/09/06 Analyzed: 02/14/06

Chromium	8.55	0.010	mg/kg	10.0		85.5	85-115			
Selenium	19.8	4.00	mg/kg	20.0		99.0	85-115			
Nickel	17.2	0.400	mg/kg	20.0		86.0	85-115			
Molybdenum	4.21	0.80	mg/kg	4.00		105	85-115			
Zinc	17.1	0.400	mg/kg	20.0		85.5	85-115			
Copper	18.6	0.200	mg/kg	20.0		93.0	85-115			
Cadmium	6.96	0.100	mg/kg	8.00		87.0	85-115			
Arsenic	37.8	4.00	mg/kg	40.0		94.5	85-115			
Lead	18.7	2.00	mg/kg	20.0		93.5	85-115			

Matrix Spike (B6B0229-MS1)

Source: 6020159-01

Prepared: 02/09/06 Analyzed: 02/20/06

Selenium	21.2	4.00	mg/kg	20.0	5.21	80.0	75-125			
Cadmium	8.98	0.100	mg/kg	8.00	6.46	31.5	75-125			
Arsenic	40.7	4.00	mg/kg	40.0	4.27	91.1	75-125			

Matrix Spike (B6B0229-MS2)

Source: 6020159-01

Prepared: 02/09/06 Analyzed: 02/14/06

Molybdenum	0.30		mg/L	0.200	0.298	1.00	75-125			
Zinc	5.07		mg/L	1.00	15.1	NR	75-125			
Chromium	0.712		mg/L	0.500	0.682	6.00	75-125			
Nickel	1.20		mg/L	1.00	0.528	67.2	75-125			
Copper	4.59		mg/L	1.00	12.7	NR	75-125			
Lead	1.14		mg/L	1.00	0.464	67.6	75-125			

Legend Technical Services of Arizona, Inc.

Certifications: AZ #0004 MN #004-999-387 AIHA #102982

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: [none]
 Project Manager: Chuck Lockhart

Reported:
 03/07/06 15:08

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0229 - EPA 3050B										
Matrix Spike Dup (B6B0229-MSD1)		Source: 6020159-01			<i>Prepared: 02/09/06 Analyzed: 02/14/06</i>					
Cadmium	8.21	0.100	mg/kg	8.00	6.46	21.9	75-125	8.96	25	
Arsenic	37.2	4.00	mg/kg	40.0	4.27	82.3	75-125	8.99	25	
Selenium	22.8	4.00	mg/kg	20.0	5.21	88.0	75-125	7.27	25	
Matrix Spike Dup (B6B0229-MSD2)		Source: 6020159-01			<i>Prepared: 02/09/06 Analyzed: 02/14/06</i>					
Chromium	0.726		mg/L	0.500	0.682	8.80	75-125	1.95	25	
Copper	4.71		mg/L	1.00	12.7	NR	75-125	2.58	25	
Lead	1.18		mg/L	1.00	0.464	71.6	75-125	3.45	25	
Nickel	1.22		mg/L	1.00	0.528	69.2	75-125	1.65	25	
Molybdenum	0.30		mg/L	0.200	0.298	1.00	75-125	0.00	25	
Zinc	5.22		mg/L	1.00	15.1	NR	75-125	2.92	25	
Batch B6B0353 - EPA 7471A Prep										
Blank (B6B0353-BLK1)		<i>Prepared & Analyzed: 02/13/06</i>								
Mercury	<0.17	0.17	mg/kg							
LCS (B6B0353-BS1)		<i>Prepared & Analyzed: 02/13/06</i>								
Mercury	0.66	0.22	mg/kg	0.667		99.0	85-115			
Matrix Spike (B6B0353-MS1)		Source: 6020456-01			<i>Prepared & Analyzed: 02/13/06</i>					
Mercury	0.56	0.17	mg/kg	0.667	1.36	NR	70-130			
Matrix Spike Dup (B6B0353-MSD1)		Source: 6020456-01			<i>Prepared & Analyzed: 02/13/06</i>					
Mercury	0.56	0.17	mg/kg	0.667	1.36	NR	70-130	0.00	20	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: [none]
 Project Manager: Chuck Lockhart

Reported:
 03/07/06 15:08

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0224 - NO PREP										
Blank (B6B0224-BLK1) Prepared & Analyzed: 02/07/06										
Total Fixed Solids	<1	1	%							
Total Volatile Solids	<1	1	%							
% Solids	<1	1	%							
Duplicate (B6B0224-DUP1) Prepared & Analyzed: 02/07/06 Source: 6020159-01										
Total Fixed Solids	48	1	%	48				0.00	5	
% Solids	28	1	%	28				0.00	5	
Total Volatile Solids	52	1	%	52				0.00	5	
Batch B6B0295 - Default Prep GenChem										
Blank (B6B0295-BLK1) Prepared & Analyzed: 02/10/06										
Total Phosphorous	<0.05	0.05	mg/kg							
LCS (B6B0295-BS1) Prepared & Analyzed: 02/10/06										
Total Phosphorous	1.01	0.05	mg/kg	1.00		101	80-120			
LCS Dup (B6B0295-BSD1) Prepared & Analyzed: 02/10/06										
Total Phosphorous	1.01	0.05	mg/kg	1.00		101	80-120	0.00	25	
Matrix Spike (B6B0295-MS1) Prepared & Analyzed: 02/10/06 Source: 6020159-01										
Total Phosphorous	47.6	0.05	mg/kg	1.00	12800	NR	80-120			M4
Matrix Spike Dup (B6B0295-MSD1) Prepared & Analyzed: 02/10/06 Source: 6020159-01										
Total Phosphorous	46.6	0.05	mg/kg	1.00	12800	NR	80-120	2.12	25	M4

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: [none]
 Project Manager: Chuck Lockhart

Reported:
 03/07/06 15:08

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6B0346 - Default Prep GenChem										
Blank (B6B0346-BLK1) Prepared & Analyzed: 02/14/06										
Total Kjeldahl Nitrogen	<1.00	1.00	mg/kg							
LCS (B6B0346-BS1) Prepared & Analyzed: 02/14/06										
Total Kjeldahl Nitrogen	115	1.00	mg/kg	125		92.0	90-110			
LCS Dup (B6B0346-BSD1) Prepared & Analyzed: 02/14/06										
Total Kjeldahl Nitrogen	118	1.00	mg/kg	125		94.4	90-110	2.58	25	
Matrix Spike (B6B0346-MS1) Source: 6020159-01 Prepared & Analyzed: 02/14/06										
Total Kjeldahl Nitrogen	1450	1.00	mg/kg	125	35700	NR	90-110			M4
Matrix Spike Dup (B6B0346-MSD1) Source: 6020159-01 Prepared & Analyzed: 02/14/06										
Total Kjeldahl Nitrogen	1370	1.00	mg/kg	125	35700	NR	90-110	0.364	25	M4
Batch B6B0369 - NO PREP										
Blank (B6B0369-BLK1) Prepared & Analyzed: 02/14/06										
Nitrite as N	<0.1	0.1	mg/kg							
LCS (B6B0369-BS1) Prepared & Analyzed: 02/14/06										
Nitrite as N	1.1	0.1	mg/kg	1.00		110	80-120			
LCS Dup (B6B0369-BSD1) Prepared & Analyzed: 02/14/06										
Nitrite as N	1.1	0.1	mg/kg	1.00		110	80-120	0.00	25	
Matrix Spike (B6B0369-MS1) Source: 6020159-01 Prepared & Analyzed: 02/14/06										
Nitrite as N	<0.1	0.1	mg/kg	1.00	<0.1		80-120			M2

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6B0369 - NO PREP

Matrix Spike Dup (B6B0369-MSD1)		Source: 6020159-01		<i>Prepared & Analyzed: 02/14/06</i>						
Nitrite as N	<0.1	0.1	mg/kg	1.00	<0.1		80-120		25	M2

Batch B6B0375 - Default Prep GenChem

Blank (B6B0375-BLK1)		<i>Prepared & Analyzed: 02/14/06</i>								
Nitrate + Nitrite	<0.10	0.10	mg/kg							

LCS (B6B0375-BS1)		<i>Prepared & Analyzed: 02/14/06</i>								
Nitrate + Nitrite	88.0	0.10	mg/kg	100		88.0	80-120			

LCS Dup (B6B0375-BSD1)		<i>Prepared & Analyzed: 02/14/06</i>								
Nitrate + Nitrite	87.5	0.10	mg/kg	100		87.5	80-120	0.570	25	

Matrix Spike (B6B0375-MS1)		Source: 6020159-01		<i>Prepared & Analyzed: 02/14/06</i>						
Nitrate + Nitrite	87.7	0.10	mg/kg	100	<0.10	87.7	80-120			

Matrix Spike Dup (B6B0375-MSD1)		Source: 6020159-01		<i>Prepared & Analyzed: 02/14/06</i>						
Nitrate + Nitrite	81.9	0.10	mg/kg	100	<0.10	81.9	80-120	6.84	25	

Notes and Definitions

- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

L E G E N D

Technical Services, Inc.

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06 June 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6030091

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 03/02/06 10:35.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

LEGEND TECHNICAL SERVICES OF ARIZONA, INC.



Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: Metro Wastewater IMBL (3/2/06)
Project Manager: Chuck Lockhart

Reported:
06/06/06 11:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDEWCN COMB/MBC (CAKE COMPOSITE)	6030091-01	Solid	Composite	02/28/06 09:30	03/02/06 10:35

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

During final report review, it was noticed that the Ammonia was greater than the TKN. Both samples were reanalyzed for verification. The Ammonia reanalysis confirmed with a Relative Percent Difference within acceptable limits for a duplicate sample (18%). However, the TKN did not confirm with a result of 13600 mg/kg (4857 mg/kg dry weight). Another reanalysis could not be performed within the required hold time. The results not correlating on the first analysis could possibly be due to a data entry error when applying the dilution for the TKN analysis.

Upon investigation of another sample in the same batch on 06/02/06, it was determined that there was a data entry error with the original analysis for TKN and Ammonia. The data entry was corrected on 06/06/06.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMBL (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

MBCDEWCN COMB/MBC (CAKE COMPOSITE) (6030091-01) Solid (Composite) Sampled: 02/28/06 09:30 Received: 03/02/06 10:35

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<6.67	6.67mg/kg dry wt.		1	B6C0170	03/07/06 17:00	03/09/06 09:46	EPA 6010B	
Cadmium	1.47	0.167mg/kg dry wt.		1	B6C0170	03/07/06 17:00	03/09/06 09:46	EPA 6010B	
Chromium	34.8	0.167mg/kg dry wt.		1	B6C0170	03/07/06 17:00	03/09/06 09:46	EPA 6010B	
Copper	586	3.33mg/kg dry wt.		10	B6C0170	03/07/06 17:00	03/09/06 00:00	EPA 6010B	
Lead	19.3	3.33mg/kg dry wt.		1	B6C0170	03/07/06 17:00	03/09/06 09:46	EPA 6010B	
Mercury	5.29	0.17mg/kg dry wt.		1	B6C0356	03/14/06 09:00	03/15/06 12:13	EPA 7471A	M2
Molybdenum	16.6	13.3mg/kg dry wt.		10	B6C0170	03/07/06 17:00	03/09/06 00:00	EPA 6010B	
Nickel	20.0	0.667mg/kg dry wt.		1	B6C0170	03/07/06 17:00	03/09/06 09:46	EPA 6010B	
Selenium	<6.67	6.67mg/kg dry wt.		1	B6C0170	03/07/06 17:00	03/09/06 09:46	EPA 6010B	
Zinc	751	6.67mg/kg dry wt.		10	B6C0170	03/07/06 17:00	03/09/06 00:00	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	2.97	0.10 mg/kg		1	[CALC]	03/13/06 13:40	03/10/06 14:25	Calculation	
Organic Nitrogen	<17.9	17.9 mg/kg		5	[CALC]	03/13/06 13:40	03/13/06 16:42	Calculation	
Total Nitrogen	158	0.93 mg/kg		1	[CALC]	03/13/06 13:40	03/13/06 13:40	Calculation	
Ammonia as N	6860	17.9mg/kg dry wt.		5	B6C0331	03/13/06 16:42	03/13/06 16:42	EPA 350.1	M2
Nitrate + Nitrite	3.57	0.10mg/kg dry wt.		1	B6C0303	03/10/06 14:25	03/10/06 14:25	SM 4500 NO3 F	
Nitrite as N	0.6	0.1mg/kg dry wt.		1	B6C0114	03/03/06 17:00	03/03/06 17:00	SM 4500 NO2 B M2	
Total Kjeldahl Nitrogen	154	0.934mg/kg dry wt.		1	B6C0322	03/13/06 13:40	03/13/06 13:40	EPA 351.2	
Total Phosphorous	266	0.50mg/kg dry wt.		10	B6C0250	03/10/06 10:45	03/10/06 10:46	EPA 365.2	M4
Total Fixed Solids	46	1 %		1	B6C0264	03/07/06 09:45	03/07/06 09:45	SM 2540 G	
% Solids	28	1 %		1	B6C0264	03/07/06 09:45	03/07/06 09:45	SM 2540 G	
Total Volatile Solids [TVS]	54	1 %		1	B6C0264	03/07/06 09:45	03/07/06 09:45	SM 2540 G	

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMBL (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6C0170 - EPA 3050B

Blank (B6C0170-BLK1)

Prepared: 03/07/06 Analyzed: 03/09/06

Cadmium	<0.100	0.100 mg/kg dry wt.								
Selenium	<4.00	4.00 mg/kg dry wt.								
Nickel	<0.400	0.400 mg/kg dry wt.								
Molybdenum	<0.80	0.80 mg/kg dry wt.								
Lead	<2.00	2.00 mg/kg dry wt.								
Copper	<0.200	0.200 mg/kg dry wt.								
Zinc	<0.400	0.400 mg/kg dry wt.								
Chromium	<0.100	0.100 mg/kg dry wt.								
Arsenic	<4.00	4.00 mg/kg dry wt.								

LCS (B6C0170-BS1)

Prepared: 03/07/06 Analyzed: 03/09/06

Cadmium	7.86	0.100 mg/kg dry wt.	8.00		586	98.2	85-115			
Nickel	20.0	0.400 mg/kg dry wt.	20.0		20.0	100	85-115			
Selenium	21.0	4.00 mg/kg dry wt.	20.0		20.0	105	85-115			
Zinc	20.2	0.400 mg/kg dry wt.	20.0		20.0	101	85-115			
Arsenic	41.8	4.00 mg/kg dry wt.	40.0		40.0	104	85-115			
Copper	20.7	0.200 mg/kg dry wt.	20.0		20.0	104	85-115			
Chromium	10.3	0.100 mg/kg dry wt.	10.0		10.0	103	85-115			
Molybdenum	4.08	0.80 mg/kg dry wt.	4.00		4.00	102	85-115			
Lead	19.0	2.00 mg/kg dry wt.	20.0		20.0	95.0	85-115			

Matrix Spike (B6C0170-MS1)

Source: 6030091-01

Prepared: 03/07/06 Analyzed: 03/09/06

Copper	<0.333	0.333 mg/kg dry wt.	33.3	586	586	NR	75-125			
Selenium	35.3	6.67 mg/kg dry wt.	33.3	0.743	0.743	104	75-125			
Nickel	49.4	0.667 mg/kg dry wt.	33.3	20.0	20.0	88.3	75-125			
Zinc	<0.667	0.667 mg/kg dry wt.	33.3	751	751	NR	75-125			
Cadmium	13.0	0.167 mg/kg dry wt.	13.3	1.47	1.47	86.7	75-125			
Arsenic	73.1	6.67 mg/kg dry wt.	66.7	4.85	4.85	102	75-125			
Molybdenum	<1.33	1.33 mg/kg dry wt.	6.67	16.6	16.6	NR	75-125			
Lead	49.5	3.33 mg/kg dry wt.	33.3	19.3	19.3	90.7	75-125			
Chromium	53.0	0.167 mg/kg dry wt.	16.7	34.8	34.8	109	75-125			

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMBL (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6C0170 - EPA 3050B

Matrix Spike (B6C0170-MS2) Source: 6030091-01 Prepared: 03/07/06 Analyzed: 03/09/06

Copper	2.87		mg/L	1.00	1.76	111	75-125			
Zinc	3.31		mg/L	1.00	2.25	106	75-125			
Molybdenum	0.26		mg/L	0.200	0.0497	105	75-125			

Matrix Spike Dup (B6C0170-MSD1) Source: 6030091-01 Prepared: 03/07/06 Analyzed: 03/09/06

Molybdenum	<1.33	1.33 mg/kg dry wt.		6.67	16.6	NR	75-125		25	
Arsenic	71.7	6.67 mg/kg dry wt.		66.7	4.85	100	75-125	1.93	25	
Cadmium	12.7	0.167 mg/kg dry wt.		13.3	1.47	84.4	75-125	2.33	25	
Selenium	35.0	6.67 mg/kg dry wt.		33.3	0.743	103	75-125	0.853	25	
Nickel	48.3	0.667 mg/kg dry wt.		33.3	20.0	85.0	75-125	2.25	25	
Zinc	<0.667	0.667 mg/kg dry wt.		33.3	751	NR	75-125		25	
Copper	<0.333	0.333 mg/kg dry wt.		33.3	586	NR	75-125		25	
Lead	48.1	3.33 mg/kg dry wt.		33.3	19.3	86.5	75-125	2.87	25	
Chromium	51.7	0.167 mg/kg dry wt.		16.7	34.8	101	75-125	2.48	25	

Matrix Spike Dup (B6C0170-MSD2) Source: 6030091-01 Prepared: 03/07/06 Analyzed: 03/09/06

Molybdenum	0.26		mg/L	0.200	0.0497	105	75-125	0.00	25	
Zinc	3.30		mg/L	1.00	2.25	105	75-125	0.303	25	
Copper	2.86		mg/L	1.00	1.76	110	75-125	0.349	25	

Batch B6C0356 - EPA 7471A Prep

Blank (B6C0356-BLK1) Prepared: 03/14/06 Analyzed: 03/15/06

Mercury	<0.17		0.17 mg/kg dry wt.							
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_CS (B6C0356-BS1) Prepared: 03/14/06 Analyzed: 03/15/06

Mercury	0.68		0.22 mg/kg dry wt.	0.667		102	85-115			
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City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMBL (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6C0356 - EPA 7471A Prep

Matrix Spike (B6C0356-MS1)										
		Source: 6030091-01					<i>Prepared: 03/14/06 Analyzed: 03/15/06</i>			
Mercury	0.91	0.17 mg/kg dry wt.	0.667	5.29	NR	70-130				
Matrix Spike Dup (B6C0356-MSD1)										
		Source: 6030091-01					<i>Prepared: 03/14/06 Analyzed: 03/15/06</i>			
Mercury	0.84	0.17 mg/kg dry wt.	0.667	5.29	NR	70-130	8.00	20		M2

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMLB (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6C0114 - NO PREP										
Blank (B6C0114-BLK1) <i>Prepared & Analyzed: 03/03/06</i>										
Nitrite as N	<0.1	0.1 mg/kg dry wt.								
LCS (B6C0114-BS1) <i>Prepared & Analyzed: 03/03/06</i>										
Nitrite as N	1.0	0.1 mg/kg dry wt.		1.00		100	80-120			
LCS Dup (B6C0114-BSD1) <i>Prepared & Analyzed: 03/03/06</i>										
Nitrite as N	1.0	0.1 mg/kg dry wt.		1.00		100	80-120	0.00	25	
Matrix Spike (B6C0114-MS1) Source: 6030091-01 <i>Prepared & Analyzed: 03/03/06</i>										
Nitrite as N	0.4	0.1 mg/kg dry wt.		1.00	0.6	NR	80-120			M2
Matrix Spike Dup (B6C0114-MSD1) Source: 6030091-01 <i>Prepared & Analyzed: 03/03/06</i>										
Nitrite as N	0.4	0.1 mg/kg dry wt.		1.00	0.6	NR	80-120	0.00	25	M2
Batch B6C0250 - Default Prep GenChem										
Blank (B6C0250-BLK1) <i>Prepared & Analyzed: 03/10/06</i>										
Total Phosphorous	<0.05	0.05 mg/kg dry wt.								
LCS (B6C0250-BS1) <i>Prepared & Analyzed: 03/10/06</i>										
Total Phosphorous	1.06	0.05 mg/kg dry wt.		1.00		106	80-120			
LCS Dup (B6C0250-BSD1) <i>Prepared & Analyzed: 03/10/06</i>										
Total Phosphorous	1.02	0.05 mg/kg dry wt.		1.00		102	80-120	3.85	25	
Matrix Spike (B6C0250-MS1) Source: 6030091-01 <i>Prepared & Analyzed: 03/10/06</i>										
Total Phosphorous	360	0.50 mg/kg dry wt.		1.00	266	NR	80-120			M4

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMBL (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6C0250 - Default Prep GenChem

Matrix Spike Dup (B6C0250-MSD1)		Source: 6030091-01		<i>Prepared & Analyzed: 03/10/06</i>						
Total Phosphorous	359	0.50mg/kg dry wt.	1.00	266	NR	80-120	1.07	25	M4	

Batch B6C0264 - NO PREP

Blank (B6C0264-BLK1)		<i>Prepared & Analyzed: 03/07/06</i>								
Total Volatile Solids	<1	1	%							
Total Fixed Solids	<1	1	%							
% Solids	<1	1	%							

Duplicate (B6C0264-DUP1)		Source: 6030091-01		<i>Prepared & Analyzed: 03/07/06</i>						
Total Volatile Solids	52	1	%	54			3.77	5		
Total Fixed Solids	48	1	%	46			4.26	5		
% Solids	28	1	%	28			0.00	5		

Batch B6C0303 - Default Prep GenChem

Blank (B6C0303-BLK1)		<i>Prepared & Analyzed: 03/10/06</i>								
Nitrate + Nitrite	<0.10	0.10mg/kg dry wt.								

LCS (B6C0303-BS1)		<i>Prepared & Analyzed: 03/10/06</i>								
Nitrate + Nitrite	91.5	0.10mg/kg dry wt.	100	91.5	80-120					

LCS Dup (B6C0303-BSD1)		<i>Prepared & Analyzed: 03/10/06</i>								
Nitrate + Nitrite	89.6	0.10mg/kg dry wt.	100	89.6	80-120	2.10	25			

Matrix Spike (B6C0303-MS1)		Source: 6030123-03		<i>Prepared & Analyzed: 03/10/06</i>						
Nitrate + Nitrite	97.4	0.10mg/kg dry wt.	100	0.30	97.1	80-120				

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: Metro Wastewater IMBL (3/2/06)
 Project Manager: Chuck Lockhart

Reported:
 06/06/06 11:53

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6C0303 - Default Prep GenChem

Matrix Spike Dup (B6C0303-MSD1)		Source: 6030123-03		<i>Prepared & Analyzed: 03/10/06</i>						
Nitrate + Nitrite	95.4	0.10mg/kg dry wt.		100	0.30	95.1	80-120	2.08	25	

Batch B6C0322 - Default Prep GenChem

Blank (B6C0322-BLK1)		<i>Prepared & Analyzed: 03/13/06</i>								
Total Kjeldahl Nitrogen	<1.00	1.00mg/kg dry wt.								

LCS (B6C0322-BS1)		<i>Prepared & Analyzed: 03/13/06</i>								
Total Kjeldahl Nitrogen	128	1.00mg/kg dry wt.		125		102	90-110			

LCS Dup (B6C0322-BSD1)		<i>Prepared & Analyzed: 03/13/06</i>								
Total Kjeldahl Nitrogen	112	1.00mg/kg dry wt.		125		89.6	90-110	12.9	25	

Batch B6C0331 - Default Prep GenChem

Blank (B6C0331-BLK1)		<i>Prepared & Analyzed: 03/13/06</i>								
Ammonia as N	<1.00	1.00mg/kg dry wt.								

LCS (B6C0331-BS1)		<i>Prepared & Analyzed: 03/13/06</i>								
Ammonia as N	101	1.00mg/kg dry wt.		100		101	80-120			

LCS Dup (B6C0331-BSD1)		<i>Prepared & Analyzed: 03/13/06</i>								
Ammonia as N	101	1.00mg/kg dry wt.		100		101	80-120	0.00	25	

Matrix Spike (B6C0331-MS1)		Source: 6030091-01		<i>Prepared & Analyzed: 03/13/06</i>						
Ammonia as N	452	1.00mg/kg dry wt.		100	6860	NR	80-120			M2

25 April 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6040169

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 04/04/06 11:00.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.


Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 4/4/06
Project Manager: Chuck Lockhart

Reported:
04/25/06 17:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDWCN CAKE GRAB MONTHLY COMPOSITE	6040169-01	Solid	Composite	03/31/06 00:00	04/04/06 11:00

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
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 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 4/4/06
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Reported:
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MBCDWCN CAKE GRAB MONTHLY COMPOSITE (6040169-01) Solid (Composite) Sampled: 03/31/06 00:00 Received: 04/04/06 11:00

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<49.5		49.5mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/07/06 00:00	EPA 6010B	
Cadmium	2.70		1.24mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/07/06 00:00	EPA 6010B	
Chromium	43.2		1.24mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/07/06 00:00	EPA 6010B	
Copper	557		2.48mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/06/06 13:00	EPA 6010B	
Lead	<24.8		24.8mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/07/06 13:30	EPA 6010B	
Mercury	3.65		0.56mg/kg dry wt.	1	B6D0352	04/14/06 10:35	04/14/06 11:30	EPA 7471A	
Molybdenum	15.4		9.90mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/06/06 13:00	EPA 6010B	
Nickel	2.73		0.495mg/kg dry wt.	1	B6D0133	04/06/06 13:00	04/07/06 00:00	EPA 6010B	
Selenium	<4.95		4.95mg/kg dry wt.	1	B6D0133	04/06/06 13:00	04/13/06 00:00	EPA 6010B	
Zinc	928		24.8mg/kg dry wt.	10	B6D0133	04/06/06 13:00	04/07/06 00:00	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	<0.10		0.10 mg/kg	1	[CALC]	04/11/06 14:00	04/11/06 14:00	Calculation	
Organic Nitrogen	35700		25.0 mg/kg	25	[CALC]	04/11/06 14:00	04/10/06 15:00	Calculation	
Total Nitrogen	41500		25.0 mg/kg	25	[CALC]	04/11/06 14:00	04/11/06 14:00	Calculation	
Ammonia as N	5780		10.0mg/kg dry wt.	10	B6D0148	04/07/06 07:37	04/07/06 10:50	EPA 350.1	M1
Nitrate + Nitrite	3.20		0.10mg/kg dry wt.	1	B6D0280	04/11/06 14:00	04/11/06 14:00	SM 4500 NO3 F X	
Nitrite as N	7.3		0.1mg/kg dry wt.	1	B6D0239	04/10/06 17:30	04/10/06 17:30	SM 4500 NO2 B M1	
Total Kjeldahl Nitrogen	41500		25.0mg/kg dry wt.	25	B6D0242	04/10/06 15:00	04/10/06 15:00	EPA 351.2	M4
Total Phosphorous	488		1.25mg/kg dry wt.	25	B6D0394	04/13/06 10:00	04/13/06 10:00	EPA 365.2	M4
Total Fixed Solids	46		1 %	1	B6D0138	04/07/06 07:22	04/07/06 07:22	SM 2540 G	
% Solids	28		1 %	1	B6D0138	04/07/06 07:22	04/07/06 07:22	SM 2540 G	
Total Volatile Solids [TVS]	54		1 %	1	B6D0138	04/07/06 07:22	04/07/06 07:22	SM 2540 G	

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Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6D0133 - EPA 3050B

Blank (B6D0133-BLK1)

Prepared: 04/06/06 Analyzed: 04/07/06

Cadmium	<0.100	0.100mg/kg dry wt.								
Chromium	<0.100	0.100mg/kg dry wt.								
Copper	<0.200	0.200mg/kg dry wt.								
Lead	<2.00	2.00mg/kg dry wt.								
Molybdenum	<1.20	1.20mg/kg dry wt.								
Nickel	<0.400	0.400mg/kg dry wt.								
Selenium	<4.00	4.00mg/kg dry wt.								
Zinc	<2.00	2.00mg/kg dry wt.								
Arsenic	<4.00	4.00mg/kg dry wt.								

Blank (B6D0133-BLK2)

Prepared & Analyzed: 04/10/06

Copper	<0.200	0.200mg/kg dry wt.								
Molybdenum	<0.80	0.80mg/kg dry wt.								

LCS (B6D0133-BS1)

Prepared: 04/06/06 Analyzed: 04/10/06

Molybdenum	4.52	0.80mg/kg dry wt.	4.00			113	85-115			
Zinc	19.7	2.00mg/kg dry wt.	20.0			98.5	85-115			
Nickel	19.5	0.400mg/kg dry wt.	20.0			97.5	85-115			
Lead	19.8	2.00mg/kg dry wt.	20.0			99.0	85-115			
Arsenic	39.3	4.00mg/kg dry wt.	40.0			98.2	85-115			
Chromium	9.68	0.100mg/kg dry wt.	10.0			96.8	85-115			
Cadmium	7.68	0.100mg/kg dry wt.	8.00			96.0	85-115			
Copper	20.0	0.200mg/kg dry wt.	20.0			100	85-115			
Selenium	20.5	4.00mg/kg dry wt.	20.0			102	85-115			

LCS (B6D0133-BS2)

Prepared: 04/10/06 Analyzed: 04/13/06

Selenium	<4.00	4.00mg/kg dry wt.	20.0				85-115			
Nickel	<0.400	0.400mg/kg dry wt.	20.0				85-115			
Arsenic	<4.00	4.00mg/kg dry wt.	40.0				85-115			
Molybdenum	4.12	0.80mg/kg dry wt.	4.00			103	85-115			
Lead	<2.00	2.00mg/kg dry wt.	20.0				85-115			
Copper	18.2	0.200mg/kg dry wt.	20.0			91.0	85-115			
Chromium	<0.100	0.100mg/kg dry wt.	10.0				85-115			
Cadmium	<0.100	0.100mg/kg dry wt.	8.00				85-115			

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6D0133 - EPA 3050B

Matrix Spike (B6D0133-MS1) Source: 6040169-01 Prepared: 04/06/06 Analyzed: 04/07/06

Nickel	<0.495	0.495 mg/kg dry wt.	24.8	2.73	NR	75-125				
Chromium	<0.124	0.124 mg/kg dry wt.	12.4	43.2	NR	75-125				
Copper	<0.248	0.248 mg/kg dry wt.	24.8	557	NR	75-125				
Zinc	<2.48	2.48 mg/kg dry wt.	24.8	928	NR	75-125				
Molybdenum	<0.99	0.99 mg/kg dry wt.	4.95	15.4	NR	75-125				
Cadmium	<0.124	0.124 mg/kg dry wt.	9.90	2.70	NR	75-125				
Selenium	26.3	4.95 mg/kg dry wt.	24.8	0.235	105	75-125				
Arsenic	<4.95	4.95 mg/kg dry wt.	49.5	5.27	NR	75-125				
Lead	<2.48	2.48 mg/kg dry wt.	24.8	21.2	NR	75-125				

Matrix Spike (B6D0133-MS2) Source: 6040169-01 Prepared: 04/06/06 Analyzed: 04/07/06

Chromium	0.686	mg/L	0.500	0.174	102	75-125				
Molybdenum	0.31	mg/L	0.200	0.0621	124	75-125				
Lead	1.16	mg/L	1.00	0.0855	107	75-125				
Copper	3.35	mg/L	1.00	2.25	110	75-125				
Nickel	1.14	mg/L	1.00	0.0110	113	75-125				
Cadmium	0.416	mg/L	0.400	0.0109	101	75-125				
Selenium	0.00	mg/L	1.00	0.000950	NR	75-125				
Zinc	4.74	mg/L	1.00	3.75	99.0	75-125				
Arsenic	1.95	mg/L	2.00	0.0213	96.4	75-125				

Matrix Spike Dup (B6D0133-MSD1) Source: 6040169-01 Prepared: 04/06/06 Analyzed: 04/07/06

Cadmium	<0.124	0.124 mg/kg dry wt.	9.90	2.70	NR	75-125			25	
Arsenic	<4.95	4.95 mg/kg dry wt.	49.5	5.27	NR	75-125			25	
Chromium	<0.124	0.124 mg/kg dry wt.	12.4	43.2	NR	75-125			25	
Selenium	26.9	4.95 mg/kg dry wt.	24.8	0.235	108	75-125	2.26		25	
Copper	<0.248	0.248 mg/kg dry wt.	24.8	557	NR	75-125			25	
Zinc	<2.48	2.48 mg/kg dry wt.	24.8	928	NR	75-125			25	
Nickel	<0.495	0.495 mg/kg dry wt.	24.8	2.73	NR	75-125			25	
Molybdenum	<0.99	0.99 mg/kg dry wt.	4.95	15.4	NR	75-125			25	
Lead	<2.48	2.48 mg/kg dry wt.	24.8	21.2	NR	75-125			25	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 4/4/06
 Project Manager: Chuck Lockhart

Reported:
 04/25/06 17:15

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6D0133 - EPA 3050B

Matrix Spike Dup (B6D0133-MSD2)		Source: 6040169-01		<i>Prepared: 04/06/06 Analyzed: 04/10/06</i>						
Lead	1.12		mg/L	1.00	0.0855	103	75-125	3.51	25	
Chromium	0.677		mg/L	0.500	0.174	101	75-125	1.32	25	
Cadmium	0.411		mg/L	0.400	0.0109	100	75-125	1.21	25	
Arsenic	1.96		mg/L	2.00	0.0213	96.9	75-125	0.512	25	
Molybdenum	0.30		mg/L	0.200	0.0621	119	75-125	3.28	25	
Selenium	0.00		mg/L	1.00	0.000950	NR	75-125		25	
Copper	3.33		mg/L	1.00	2.25	108	75-125	0.599	25	
Zinc	4.68		mg/L	1.00	3.75	93.0	75-125	1.27	25	
Nickel	1.12		mg/L	1.00	0.0110	111	75-125	1.77	25	

Batch B6D0352 - EPA 7471A Prep

Blank (B6D0352-BLK1)				<i>Prepared & Analyzed: 04/14/06</i>	
Mercury	<0.17		0.17 mg/kg dry wt.		

LCS (B6D0352-BS1)				<i>Prepared & Analyzed: 04/14/06</i>	
Mercury	0.65		0.22 mg/kg dry wt.	0.667	97.5 85-115

Matrix Spike (B6D0352-MS1)		Source: 6040687-01		<i>Prepared & Analyzed: 04/14/06</i>		
Mercury	0.45		0.17 mg/kg dry wt.	0.667	0.17 42.0 70-130	M2

Matrix Spike Dup (B6D0352-MSD1)		Source: 6040687-01		<i>Prepared & Analyzed: 04/14/06</i>		
Mercury	0.24		0.17 mg/kg dry wt.	0.667	0.17 10.5 70-130 60.9 20	M2

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6D0138 - Default Prep GenChem

Blank (B6D0138-BLK1)										
<i>Prepared & Analyzed: 04/07/06</i>										
Total Fixed Solids	<1	1	%							
% Solids	<1	1	%							
Total Volatile Solids	<1	1	%							
Duplicate (B6D0138-DUP1)										
Source: 6040169-01										
<i>Prepared & Analyzed: 04/07/06</i>										
Total Volatile Solids	55	1	%	54				1.83	5	
% Solids	28	1	%	28				0.00	5	
Total Fixed Solids	45	1	%	46				2.20	5	

Batch B6D0148 - Default Prep GenChem

Blank (B6D0148-BLK1)										
<i>Prepared & Analyzed: 04/07/06</i>										
Ammonia as N	<1.00	1.00mg/kg dry wt.								
_CS (B6D0148-BS1)										
<i>Prepared & Analyzed: 04/07/06</i>										
Ammonia as N	98.5	1.00mg/kg dry wt.		100			98.5	80-120		
_CS Dup (B6D0148-BSD1)										
<i>Prepared & Analyzed: 04/07/06</i>										
Ammonia as N	98.3	1.00mg/kg dry wt.		100			98.3	80-120	0.203	25
Matrix Spike (B6D0148-MS1)										
Source: 6040169-01										
<i>Prepared & Analyzed: 04/07/06</i>										
Ammonia as N	310	1.00mg/kg dry wt.		100	5780		NR	80-120		M1
Matrix Spike Dup (B6D0148-MSD1)										
Source: 6040169-01										
<i>Prepared & Analyzed: 04/07/06</i>										
Ammonia as N	315	1.00mg/kg dry wt.		100	5780		NR	80-120	0.183	25 M1

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Project: Monthly Biosolids Analysis
 Project Number: 4/4/06
 Project Manager: Chuck Lockhart

Reported:
 04/25/06 17:15

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6D0239 - Default Prep GenChem

Blank (B6D0239-BLK1)										
<i>Prepared & Analyzed: 04/10/06</i>										
Nitrite as N	<0.1	0.1 mg/kg dry wt.								
LCS (B6D0239-BS1)										
<i>Prepared & Analyzed: 04/10/06</i>										
Nitrite as N	1.0	0.1 mg/kg dry wt.		1.00		100	80-120			
LCS Dup (B6D0239-BSD1)										
<i>Prepared & Analyzed: 04/10/06</i>										
Nitrite as N	1.0	0.1 mg/kg dry wt.		1.00		100	80-120	0.00	25	
Matrix Spike (B6D0239-MS1)										
Source: 6040169-01 <i>Prepared & Analyzed: 04/10/06</i>										
Nitrite as N	3.3	0.1 mg/kg dry wt.		1.00	7.3	NR	80-120			M1
Matrix Spike Dup (B6D0239-MSD1)										
Source: 6040169-01 <i>Prepared & Analyzed: 04/10/06</i>										
Nitrite as N	3.3	0.1 mg/kg dry wt.		1.00	7.3	NR	80-120	0.00	25	M1

Batch B6D0242 - Default Prep GenChem

Blank (B6D0242-BLK1)										
<i>Prepared & Analyzed: 04/10/06</i>										
Total Kjeldahl Nitrogen	<1.00	1.00 mg/kg dry wt.								
LCS (B6D0242-BS1)										
<i>Prepared & Analyzed: 04/10/06</i>										
Total Kjeldahl Nitrogen	132	1.00 mg/kg dry wt.		125		106	90-110			
LCS Dup (B6D0242-BSD1)										
<i>Prepared & Analyzed: 04/10/06</i>										
Total Kjeldahl Nitrogen	128	1.00 mg/kg dry wt.		125		102	90-110	3.85	25	
Matrix Spike (B6D0242-MS1)										
Source: 6040169-01 <i>Prepared & Analyzed: 04/10/06</i>										
Total Kjeldahl Nitrogen	4860	1.00 mg/kg dry wt.		125	41500	NR	90-110			M4

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6D0242 - Default Prep GenChem										
Matrix Spike Dup (B6D0242-MSD1) Source: 6040169-01 Prepared & Analyzed: 04/10/06										
Total Kjeldahl Nitrogen	4920	1.00mg/kg dry wt.		125	41500	NR	90-110	0.00	25	M4
Batch B6D0280 - Default Prep GenChem										
Blank (B6D0280-BLK1) Prepared & Analyzed: 04/11/06										
Nitrate + Nitrite	<0.10	0.10mg/kg dry wt.								
LCS (B6D0280-BS1) Prepared & Analyzed: 04/11/06										
Nitrate + Nitrite	102	0.10mg/kg dry wt.		100		102	80-120			
CS Dup (B6D0280-BSD1) Prepared & Analyzed: 04/11/06										
Nitrate + Nitrite	102	0.10mg/kg dry wt.		100		102	80-120	0.00	25	
Matrix Spike (B6D0280-MS1) Source: 6040169-01 Prepared & Analyzed: 04/11/06										
Nitrate + Nitrite	83.7	0.10mg/kg dry wt.		100	3.20	80.5	80-120			
Matrix Spike Dup (B6D0280-MSD1) Source: 6040169-01 Prepared & Analyzed: 04/11/06										
Nitrate + Nitrite	80.8	0.10mg/kg dry wt.		100	3.20	77.6	80-120	3.67	25	X
Batch B6D0394 - Default Prep GenChem										
Blank (B6D0394-BLK1) Prepared & Analyzed: 04/13/06										
Total Phosphorous	<0.05	0.05mg/kg dry wt.								
LCS (B6D0394-BS1) Prepared & Analyzed: 04/13/06										
Total Phosphorous	1.13	0.05mg/kg dry wt.		1.00		113	80-120			

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Project: Monthly Biosolids Analysis
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Project Manager: Chuck Lockhart

Reported:
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6D0394 - Default Prep GenChem

LCS Dup (B6D0394-BSD1)

Prepared & Analyzed: 04/13/06

Total Phosphorous 1.12 0.05 mg/kg dry wt. 1.00 112 80-120 0.889 25

Matrix Spike (B6D0394-MS1)

Source: 6040169-01 *Prepared & Analyzed: 04/13/06*

Total Phosphorous 19.2 0.05 mg/kg dry wt. 1.00 488 NR 80-120 M4

Matrix Spike Dup (B6D0394-MSD1)

Source: 6040169-01 *Prepared & Analyzed: 04/13/06*

Total Phosphorous 17.7 0.05 mg/kg dry wt. 1.00 488 NR 80-120 0.213 25 M4

Notes and Definitions

- X calculated matrix spike inaccurate due to database limitations, the actual recovery was acceptable
- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

25 May 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6050100

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 05/02/06 11:30.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.



Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 4/30/06
Project Manager: Chuck Lockhart

Reported:
05/25/06 11:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDWCN CAKE GRAB MONTHLY COMPOSITE	6050100-01	Solid	Composite	04/30/06 00:00	05/02/06 11:30

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.
Requested analyses not provided with chain of custody. Analyses were logged in according to the established project.

BCDWCN CAKE GRAB MONTHLY COMPOSITE (6050100-01) Solid (Composite) Sampled: 04/30/06 00:00
Received: 05/02/06 11:30

Analyte	Result	RL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	6.75	4.00mg/kg dry wt.		1	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Cadmium	2.13	0.100mg/kg dry wt.		1	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Chromium	50.1	1.00mg/kg dry wt.		10	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Copper	654	2.00mg/kg dry wt.		10	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Lead	23.4	2.00mg/kg dry wt.		1	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Mercury	8.67	1.06mg/kg dry wt.		1	B6E0145	05/04/06 09:00	05/04/06 11:30	EPA 7471A	
Molybdenum	30.7	8.00mg/kg dry wt.		10	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Nickel	25.5	0.400mg/kg dry wt.		1	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Selenium	<40.0	40.0mg/kg dry wt.		10	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Zinc	1330	4.00mg/kg dry wt.		10	B6E0321	05/10/06 15:00	05/12/06 13:22	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	1.44	0.10 mg/kg		1	[CALC]	05/09/06 13:00	05/17/06 11:27	Calculation	
Organic Nitrogen	37600	20.0 mg/kg		20	[CALC]	05/09/06 13:00	05/16/06 13:44	Calculation	
Total Nitrogen	44100	20.0 mg/kg		20	[CALC]	05/09/06 13:00	05/09/06 13:00	Calculation	
Ammonia as N	6490	5.00mg/kg dry wt.		5	B6E0456	05/16/06 13:44	05/16/06 13:44	EPA 350.1	M2
Nitrate + Nitrite	4.64	0.10mg/kg dry wt.		1	B6E0168	05/05/06 07:40	05/05/06 07:40	SM 4500 NO3 F	
Nitrite as N	3.2	0.1mg/kg dry wt.		1	B6E0475	05/17/06 11:24	05/17/06 11:27	SM 4500 NO2 B	
Total Kjeldahl Nitrogen	44100	20.0mg/kg dry wt.		20	B6E0277	05/09/06 13:00	05/09/06 13:00	EPA 351.2	M4
Total Phosphorous	2130	5.00mg/kg dry wt.		100	B6E0306	05/09/06 16:23	05/09/06 16:23	EPA 365.2	M4
Total Fixed Solids	47	1 %		1	B6E0265	05/05/06 15:20	05/05/06 15:20	SM 2540 G	
Total Solids	28	1 %		1	B6E0265	05/05/06 15:20	05/05/06 15:20	SM 2540 G	
Total Volatile Solids [TVS]	53	1 %		1	B6E0265	05/05/06 15:20	05/05/06 15:20	SM 2540 G	

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6E0145 - EPA 7471A Prep

Blank (B6E0145-BLK1)		<i>Prepared & Analyzed: 05/04/06</i>								
Mercury	<0.17	0.17 mg/kg dry wt.								
LCS (B6E0145-BS1)		<i>Prepared & Analyzed: 05/04/06</i>								
Mercury	0.67	0.22 mg/kg dry wt.	0.667		100	85-115				
Matrix Spike (B6E0145-MS1)		Source: 6050100-01		<i>Prepared & Analyzed: 05/04/06</i>						
Mercury	0.96	1.06 mg/kg dry wt.	0.867	8.67	NR	70-130				
Matrix Spike Dup (B6E0145-MSD1)		Source: 6050100-01		<i>Prepared & Analyzed: 05/04/06</i>						
Mercury	0.91	1.06 mg/kg dry wt.	0.667	8.67	NR	70-130	5.35	20		

Batch B6E0321 - EPA 3050B

Blank (B6E0321-BLK1)		<i>Prepared: 05/10/06 Analyzed: 05/12/06</i>								
Molybdenum	<0.80	0.80 mg/kg dry wt.								
Nickel	<0.400	0.400 mg/kg dry wt.								
Zinc	<0.400	0.400 mg/kg dry wt.								
Lead	<2.00	2.00 mg/kg dry wt.								
Copper	<0.200	0.200 mg/kg dry wt.								
Chromium	<0.100	0.100 mg/kg dry wt.								
Cadmium	<0.100	0.100 mg/kg dry wt.								
Arsenic	<4.00	4.00 mg/kg dry wt.								
Selenium	<4.00	4.00 mg/kg dry wt.								
LCS (B6E0321-BS1)		<i>Prepared: 05/10/06 Analyzed: 05/12/06</i>								
Copper	21.1	0.200 mg/kg dry wt.	20.0		106	85-115				
Cadmium	8.02	0.100 mg/kg dry wt.	8.00		100	85-115				
Arsenic	40.5	4.00 mg/kg dry wt.	40.0		101	85-115				
Nickel	20.3	0.400 mg/kg dry wt.	20.0		102	85-115				
Selenium	17.3	4.00 mg/kg dry wt.	20.0		86.5	85-115				
Zinc	19.9	0.400 mg/kg dry wt.	20.0		99.5	85-115				
Chromium	10.3	0.100 mg/kg dry wt.	10.0		103	85-115				
Lead	20.0	2.00 mg/kg dry wt.	20.0		100	85-115				
Molybdenum	4.45	0.80 mg/kg dry wt.	4.00		111	85-115				

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6E0321 - EPA 3050B

Matrix Spike (B6E0321-MS1) Source: 6050100-01 Prepared: 05/10/06 Analyzed: 05/12/06

Cadmium	9.06	0.100mg/kg dry wt.		8.00	2.13	86.6	75-125			
Zinc	1040	0.400mg/kg dry wt.		20.0	1330	NR	75-125			
Lead	40.4	2.00mg/kg dry wt.		20.0	23.4	85.0	75-125			
Chromium	53.8	0.100mg/kg dry wt.		10.0	50.1	37.0	75-125			
Molybdenum	30.7	0.80mg/kg dry wt.		4.00	30.7	0.00	75-125			
Nickel	42.4	0.400mg/kg dry wt.		20.0	25.5	84.5	75-125			
Selenium	16.5	4.00mg/kg dry wt.		20.0	<4.00	82.5	75-125			
Copper	684	0.200mg/kg dry wt.		20.0	654	150	75-125			
Arsenic	47.9	4.00mg/kg dry wt.		40.0	6.75	103	75-125			

Matrix Spike (B6E0321-MS2) Source: 6050100-01 Prepared: 05/10/06 Analyzed: 05/12/06

Chromium	0.773		mg/L	0.500	0.250	105	75-125			
Copper	4.46		mg/L	1.00	3.27	119	75-125			
Selenium	0.947		mg/L	1.00	<	94.7	75-125			
Zinc	7.79		mg/L	1.00	6.64	115	75-125			
Molybdenum	0.37		mg/L	0.200	0.154	108	75-125			

Matrix Spike Dup (B6E0321-MSD1) Source: 6050100-01 Prepared: 05/10/06 Analyzed: 05/12/06

Nickel	40.6	0.400mg/kg dry wt.		20.0	25.5	75.5	75-125	4.34	25	
Copper	653	0.200mg/kg dry wt.		20.0	654	NR	75-125	4.64	25	
Cadmium	8.69	0.100mg/kg dry wt.		8.00	2.13	82.0	75-125	4.17	25	
Molybdenum	29.5	0.80mg/kg dry wt.		4.00	30.7	NR	75-125	3.99	25	
Selenium	17.1	4.00mg/kg dry wt.		20.0	<4.00	85.5	75-125	3.57	25	
Zinc	1010	0.400mg/kg dry wt.		20.0	1330	NR	75-125	2.93	25	
Lead	38.9	2.00mg/kg dry wt.		20.0	23.4	77.5	75-125	3.78	25	
Arsenic	46.1	4.00mg/kg dry wt.		40.0	6.75	98.4	75-125	3.83	25	
Chromium	51.3	0.100mg/kg dry wt.		10.0	50.1	12.0	75-125	4.76	25	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 4/30/06
 Project Manager: Chuck Lockhart

Reported:
 05/25/06 11:02

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6E0321 - EPA 3050B

Matrix Spike Dup (B6E0321-MSD2)	Source: 6050100-01		Prepared: 05/10/06 Analyzed: 05/12/06							
Copper	4.43		mg/L	1.00	3.27	116	75-125	0.675	25	
Molybdenum	0.38		mg/L	0.200	0.154	113	75-125	2.67	25	
Zinc	7.71		mg/L	1.00	6.64	107	75-125	1.03	25	
Selenium	0.978		mg/L	1.00	<	97.8	75-125	3.22	25	
Chromium	0.767		mg/L	0.500	0.250	103	75-125	0.779	25	

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6E0168 - Default Prep GenChem										
Blank (B6E0168-BLK1) <i>Prepared & Analyzed: 05/05/06</i>										
Nitrate + Nitrite	<0.10	0.10 mg/kg dry wt.								
LCS (B6E0168-BS1) <i>Prepared & Analyzed: 05/05/06</i>										
Nitrate + Nitrite	92.3	0.10 mg/kg dry wt.		100		92.3	80-120			
LCS Dup (B6E0168-BSD1) <i>Prepared & Analyzed: 05/05/06</i>										
Nitrate + Nitrite	89.8	0.10 mg/kg dry wt.		100		89.8	80-120	2.75	25	
Matrix Spike (B6E0168-MS1) Source: 6041028-01 <i>Prepared & Analyzed: 05/05/06</i>										
Nitrate + Nitrite	87.8	0.10 mg/kg dry wt.		100	0.70	87.1	80-120			
Matrix Spike Dup (B6E0168-MSD1) Source: 6041028-01 <i>Prepared & Analyzed: 05/05/06</i>										
Nitrate + Nitrite	87.3	0.10 mg/kg dry wt.		100	0.70	86.6	80-120	0.576	25	

Batch B6E0265 - Default Prep GenChem										
Blank (B6E0265-BLK1) <i>Prepared & Analyzed: 05/05/06</i>										
Total Volatile Solids	<1	1	%							
Total Fixed Solids	<1	1	%							
Total Solids	<1	1	%							
Duplicate (B6E0265-DUP1) Source: 6050100-01 <i>Prepared & Analyzed: 05/05/06</i>										
Total Volatile Solids	52	1	%		53			1.90	5	
Total Fixed Solids	48	1	%		47			2.11	5	
Total Solids	28	1	%		28			0.00	5	

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6E0277 - Default Prep GenChem										
Blank (B6E0277-BLK1) <i>Prepared & Analyzed: 05/09/06</i>										
Total Kjeldahl Nitrogen	<1.00	1.00	mg/kg dry wt.							
LCS (B6E0277-BS1) <i>Prepared & Analyzed: 05/09/06</i>										
Total Kjeldahl Nitrogen	125	1.00	mg/kg dry wt.	125		100	90-110			
LCS Dup (B6E0277-BSD1) <i>Prepared & Analyzed: 05/09/06</i>										
Total Kjeldahl Nitrogen	118	1.00	mg/kg dry wt.	125		94.4	90-110	5.76	25	
Matrix Spike (B6E0277-MS1) Source: 6050100-01 <i>Prepared & Analyzed: 05/09/06</i>										
Total Kjeldahl Nitrogen	4190	1.00	mg/kg dry wt.	125	44100	NR	90-110			M4
Matrix Spike Dup (B6E0277-MSD1) Source: 6050100-01 <i>Prepared & Analyzed: 05/09/06</i>										
Total Kjeldahl Nitrogen	4240	1.00	mg/kg dry wt.	125	44100	NR	90-110	0.00	25	M4
Batch B6E0306 - Default Prep GenChem										
Blank (B6E0306-BLK1) <i>Prepared & Analyzed: 05/09/06</i>										
Total Phosphorous	<0.05	0.05	mg/kg dry wt.							
LCS (B6E0306-BS1) <i>Prepared & Analyzed: 05/09/06</i>										
Total Phosphorous	0.94	0.05	mg/kg dry wt.	1.00		94.0	80-120			
LCS Dup (B6E0306-BSD1) <i>Prepared & Analyzed: 05/09/06</i>										
Total Phosphorous	0.93	0.05	mg/kg dry wt.	1.00		93.0	80-120	1.07	25	
Matrix Spike (B6E0306-MS1) Source: 6050100-01 <i>Prepared & Analyzed: 05/09/06</i>										
Total Phosphorous	59.6	0.05	mg/kg dry wt.	1.00	2130	NR	80-120			M4

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6E0306 - Default Prep GenChem

Matrix Spike Dup (B6E0306-MSD1)		Source: 6050100-01		<i>Prepared & Analyzed: 05/09/06</i>						
Total Phosphorous	58.0	0.05mg/kg dry wt.	1.00	2130	NR	80-120	0.00	25		M4

Batch B6E0456 - Default Prep GenChem

Blank (B6E0456-BLK1)		<i>Prepared & Analyzed: 05/16/06</i>								
Ammonia as N	<1.00	1.00mg/kg dry wt.								

MS (B6E0456-BS1)		<i>Prepared & Analyzed: 05/16/06</i>								
Ammonia as N	87.0	1.00mg/kg dry wt.	100	6490	87.0	80-120				

MS Dup (B6E0456-BSD1)		<i>Prepared & Analyzed: 05/16/06</i>								
Ammonia as N	86.4	1.00mg/kg dry wt.	100	6490	86.4	80-120	0.692	25		

Matrix Spike (B6E0456-MS1)		Source: 6050100-01		<i>Prepared & Analyzed: 05/16/06</i>						
Ammonia as N	2120	5.00mg/kg dry wt.	500	6490	NR	80-120				M2

Matrix Spike Dup (B6E0456-MSD1)		Source: 6050100-01		<i>Prepared & Analyzed: 05/16/06</i>						
Ammonia as N	2160	5.00mg/kg dry wt.	500	6490	NR	80-120	0.920	25		M2

Batch B6E0475 - Default Prep GenChem

Blank (B6E0475-BLK1)		<i>Prepared & Analyzed: 05/17/06</i>								
Nitrite as N	<0.1	0.1mg/kg dry wt.								

LCS (B6E0475-BS1)		<i>Prepared & Analyzed: 05/17/06</i>								
Nitrite as N	1.2	0.1mg/kg dry wt.	0.999	120	80-120					

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 4/30/06
 Project Manager: Chuck Lockhart

Reported:
 05/25/06 11:02

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6E0475 - Default Prep GenChem										
LCS Dup (B6E0475-BSD1) <i>Prepared & Analyzed: 05/17/06</i>										
Nitrite as N	1.2	0.1 mg/kg dry wt.		0.999		120	80-120	0.00	25	
Matrix Spike (B6E0475-MS1) <i>Source: 6050100-01 Prepared & Analyzed: 05/17/06</i>										
Nitrite as N	2.0	0.1 mg/kg dry wt.		1.00	3.2	NR	80-120			
Matrix Spike Dup (B6E0475-MSD1) <i>Source: 6050100-01 Prepared & Analyzed: 05/17/06</i>										
Nitrite as N	2.0	0.1 mg/kg dry wt.		1.00	3.2	NR	80-120	0.00	25	

Notes and Definitions

- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

20 June 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis
Legend ID: 6060136

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 06/02/06 16:00.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

Lisa Sutherland

Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 5/1 - 5/31/06
Project Manager: Chuck Lockhart

Reported:
06/20/06 08:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDEWCN (DEWATERING SLUDGE)	6060136-01	Solid	Composite	05/31/06 00:00	06/02/06 16:00

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 5/1 - 5/31/06
 Project Manager: Chuck Lockhart

Reported:
 06/20/06 08:45

ABCDEWCN (DEWATERING SLUDGE) (6060136-01) Solid (Composite) Sampled: 05/31/06 00:00 Received: 06/02/06 16:00

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	6.74	4.00mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Cadmium	2.00	0.100mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Chromium	42.4	0.100mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Copper	681	2.00mg/kg	dry wt.	10	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Lead	21.6	2.00mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Mercury	2.93	0.54mg/kg	dry wt.	1	B6F0428	06/14/06 11:30	06/14/06 14:00	EPA 7471A	
Molybdenum	19.5	0.80mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Nickel	28.4	0.400mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Selenium	<4.00	4.00mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Zinc	114	0.400mg/kg	dry wt.	1	B6F0099	06/05/06 15:00	06/11/06 14:27	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	<10.5	10.5	mg/kg	5	[CALC]	06/13/06 13:51	06/13/06 17:37	Calculation	
Organic Nitrogen	41900	420	mg/kg	100	[CALC]	06/13/06 13:51	06/13/06 13:51	Calculation	
Total Nitrogen	52500	420	mg/kg	100	[CALC]	06/13/06 13:51	06/13/06 13:51	Calculation	
Ammonia as N	10600	42.0mg/kg	dry wt.	10	B6F0144	06/07/06 13:15	06/07/06 13:15	EPA 350.1	
Nitrate + Nitrite	6.72	0.42mg/kg	dry wt.	1	B6F0288	06/13/06 08:43	06/13/06 08:43	SM 4500 NO3 F	
Nitrite as N	18.9	10.5mg/kg	dry wt.	5	B6F0327	06/13/06 17:37	06/13/06 17:37	SM 4500 NO2 B	
Total Kjeldahl Nitrogen	52500	420mg/kg	dry wt.	100	B6F0301	06/13/06 13:51	06/13/06 13:51	EPA 351.2	M4
Total Phosphorous	298	1.58mg/kg	dry wt.	1	B6F0257	06/09/06 09:00	06/09/06 09:00	EPA 365.2	
Total Fixed Solids	43	1	%	1	B6F0172	06/06/06 16:14	06/06/06 16:14	SM 2540 G	
% Solids	24	1	%	1	B6F0172	06/06/06 16:14	06/06/06 16:14	SM 2540 G	
Total Volatile Solids [TVS]	57	1	%	1	B6F0172	06/06/06 16:14	06/06/06 16:14	SM 2540 G	

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6F0099 - EPA 3050B

Blank (B6F0099-BLK1)

Prepared: 06/05/06 Analyzed: 06/13/06

Cadmium	<0.100	0.100 mg/kg dry wt.								
Chromium	<0.100	0.100 mg/kg dry wt.								
Copper	<0.200	0.200 mg/kg dry wt.								
Lead	<2.00	2.00 mg/kg dry wt.								
Molybdenum	<0.80	0.80 mg/kg dry wt.								
Nickel	<0.400	0.400 mg/kg dry wt.								
Arsenic	<4.00	4.00 mg/kg dry wt.								
Selenium	<4.00	4.00 mg/kg dry wt.								
Zinc	<0.400	0.400 mg/kg dry wt.								

LCS (B6F0099-BS1)

Prepared: 06/05/06 Analyzed: 06/11/06

Nickel	18.5	0.400 mg/kg dry wt.	20.0		92.5	85-115				
Selenium	17.8	4.00 mg/kg dry wt.	20.0		89.0	85-115				
Molybdenum	4.18	0.80 mg/kg dry wt.	4.00		104	85-115				
Lead	19.7	2.00 mg/kg dry wt.	20.0		98.5	85-115				
Copper	18.9	0.200 mg/kg dry wt.	20.0		94.5	85-115				
Chromium	9.34	0.100 mg/kg dry wt.	10.0		93.4	85-115				
Arsenic	40.3	4.00 mg/kg dry wt.	40.0		101	85-115				
Zinc	19.4	0.400 mg/kg dry wt.	20.0		97.0	85-115				
Cadmium	7.22	0.100 mg/kg dry wt.	8.00		90.2	85-115				

Matrix Spike (B6F0099-MS1)

Source: 6060054-01 *Prepared: 06/05/06 Analyzed: 06/13/06*

Cadmium	6.62	0.100 mg/kg dry wt.	8.00	0.0334	82.3	75-125				
Selenium	18.3	4.00 mg/kg dry wt.	20.0	0.982	86.6	75-125				
Zinc	38.0	0.400 mg/kg dry wt.	20.0	22.5	77.5	75-125				
Molybdenum	5.49	0.80 mg/kg dry wt.	4.00	1.96	88.2	75-125				
Lead	18.5	2.00 mg/kg dry wt.	20.0	1.06	87.2	75-125				
Chromium	9.29	0.100 mg/kg dry wt.	10.0	0.893	84.0	75-125				
Nickel	17.0	0.400 mg/kg dry wt.	20.0	0.678	81.6	75-125				
Arsenic	40.0	4.00 mg/kg dry wt.	40.0	2.69	93.3	75-125				
Copper	20.5	0.200 mg/kg dry wt.	20.0	3.26	86.2	75-125				

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 5/1 - 5/31/06
 Project Manager: Chuck Lockhart

Reported:
 06/20/06 08:45

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6F0099 - EPA 3050B										
Matrix Spike Dup (B6F0099-MSD1) Source: 6060054-01 <i>Prepared: 06/05/06 Analyzed: 06/13/06</i>										
Zinc	35.4	0.400mg/kg dry wt.		20.0	22.5	64.5	75-125	7.08	25	M2
Copper	19.3	0.200mg/kg dry wt.		20.0	3.26	80.2	75-125	6.03	25	
Chromium	8.52	0.100mg/kg dry wt.		10.0	0.893	76.3	75-125	8.65	25	
Cadmium	6.19	0.100mg/kg dry wt.		8.00	0.0334	77.0	75-125	6.71	25	
Arsenic	36.1	4.00mg/kg dry wt.		40.0	2.69	83.5	75-125	10.2	25	
Lead	17.4	2.00mg/kg dry wt.		20.0	1.06	81.7	75-125	6.13	25	
Molybdenum	5.08	0.80mg/kg dry wt.		4.00	1.96	78.0	75-125	7.76	25	
Nickel	15.8	0.400mg/kg dry wt.		20.0	0.678	75.6	75-125	7.32	25	
Selenium	17.6	4.00mg/kg dry wt.		20.0	0.982	83.1	75-125	3.90	25	
Batch B6F0428 - EPA 7471A Prep										
Blank (B6F0428-BLK1) <i>Prepared & Analyzed: 06/14/06</i>										
Mercury	<0.17	0.17mg/kg dry wt.								
LCS (B6F0428-BS1) <i>Prepared & Analyzed: 06/14/06</i>										
Mercury	0.63	0.22mg/kg dry wt.		0.667		94.5	85-115			
Matrix Spike (B6F0428-MS1) Source: 6060405-02 <i>Prepared & Analyzed: 06/14/06</i>										
Mercury	0.74	0.17mg/kg dry wt.		0.667	6.86	NR	70-130			
Matrix Spike Dup (B6F0428-MSD1) Source: 6060405-02 <i>Prepared & Analyzed: 06/14/06</i>										
Mercury	0.87	0.17mg/kg dry wt.		0.667	6.86	NR	70-130	16.1	20	

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6F0144 - Default Prep GenChem										
Blank (B6F0144-BLK1) Prepared & Analyzed: 06/07/06										
Ammonia as N	<1.00	1.00	mg/kg dry wt.							
LCS (B6F0144-BS1) Prepared & Analyzed: 06/07/06										
Ammonia as N	105	1.00	mg/kg dry wt.	100	105	105	80-120			
LCS Dup (B6F0144-BSD1) Prepared & Analyzed: 06/07/06										
Ammonia as N	105	1.00	mg/kg dry wt.	100	105	105	80-120	0.00	25	
Matrix Spike (B6F0144-MS1) Source: 6060113-01 Prepared & Analyzed: 06/07/06										
Ammonia as N	116	1.00	mg/kg dry wt.	100	10.1	106	80-120			
Matrix Spike Dup (B6F0144-MSD1) Source: 6060113-01 Prepared & Analyzed: 06/07/06										
Ammonia as N	116	1.00	mg/kg dry wt.	100	10.1	106	80-120	0.00	25	
Batch B6F0172 - NO PREP										
Blank (B6F0172-BLK1) Prepared & Analyzed: 06/06/06										
Total Volatile Solids	<1	1	%							
% Solids	<1	1	%							
Total Fixed Solids	<1	1	%							
Duplicate (B6F0172-DUP1) Source: 6060136-01 Prepared & Analyzed: 06/06/06										
Total Volatile Solids	56	1	%	57				1.77	5	
Total Fixed Solids	44	1	%	43				2.30	5	
% Solids	24	1	%	24				0.00	5	

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6F0257 - NO PREP										
Blank (B6F0257-BLK1) <i>Prepared & Analyzed: 06/09/06</i>										
Total Phosphorous	<0.37		0.37 mg/kg dry wt.							
.CS (B6F0257-BS1) <i>Prepared & Analyzed: 06/09/06</i>										
Total Phosphorous	8.84		0.38 mg/kg dry wt.	7.50		118	80-120			
.CS Dup (B6F0257-BSD1) <i>Prepared & Analyzed: 06/09/06</i>										
Total Phosphorous	8.83		0.37 mg/kg dry wt.	7.45		119	80-120	0.844	25	
Batch B6F0288 - Default Prep GenChem										
Blank (B6F0288-BLK1) <i>Prepared & Analyzed: 06/13/06</i>										
Nitrate + Nitrite	<0.10		0.10 mg/kg dry wt.							
.CS (B6F0288-BS1) <i>Prepared & Analyzed: 06/13/06</i>										
Nitrate + Nitrite	98.4		0.10 mg/kg dry wt.	100		98.4	80-120			
LCS Dup (B6F0288-BSD1) <i>Prepared & Analyzed: 06/13/06</i>										
Nitrate + Nitrite	97.8		0.10 mg/kg dry wt.	100		97.8	80-120	0.612	25	
Matrix Spike (B6F0288-MS1) Source: 6060136-01 <i>Prepared & Analyzed: 06/13/06</i>										
Nitrate + Nitrite	98.1		0.10 mg/kg dry wt.	100	6.72	91.4	80-120			
Matrix Spike Dup (B6F0288-MSD1) Source: 6060136-01 <i>Prepared & Analyzed: 06/13/06</i>										
Nitrate + Nitrite	93.5		0.10 mg/kg dry wt.	100	6.72	86.8	80-120	5.16	25	
Batch B6F0301 - Default Prep GenChem										
Blank (B6F0301-BLK1) <i>Prepared & Analyzed: 06/13/06</i>										
Total Kjeldahl Nitrogen	<1.00		1.00 mg/kg dry wt.							

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 5/1 - 5/31/06
 Project Manager: Chuck Lockhart

Reported:
 06/20/06 08:45

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6F0301 - Default Prep GenChem

LCS (B6F0301-BS1)										
<i>Prepared & Analyzed: 06/13/06</i>										
Total Kjeldahl Nitrogen	128	1.00mg/kg dry wt.		125		102	90-110			

LCS Dup (B6F0301-BSD1)										
<i>Prepared & Analyzed: 06/13/06</i>										
Total Kjeldahl Nitrogen	135	1.00mg/kg dry wt.		125		108	90-110	5.71	25	

Matrix Spike (B6F0301-MS1)										
<i>Source: 6060136-01 Prepared & Analyzed: 06/13/06</i>										
Total Kjeldahl Nitrogen	3270	1.00mg/kg dry wt.		125	52500	NR	90-110			M4

Matrix Spike Dup (B6F0301-MSD1)										
<i>Source: 6060136-01 Prepared & Analyzed: 06/13/06</i>										
Total Kjeldahl Nitrogen	3260	1.00mg/kg dry wt.		125	52500	NR	90-110	0.00	25	M4

Batch B6F0327 - NO PREP

Blank (B6F0327-BLK1)										
<i>Prepared & Analyzed: 06/13/06</i>										
Nitrite as N	<0.1	0.1 mg/kg dry wt.								

LCS (B6F0327-BS1)										
<i>Prepared & Analyzed: 06/13/06</i>										
Nitrite as N	0.9	0.1 mg/kg dry wt.		1.00		90.0	80-120			

LCS Dup (B6F0327-BSD1)										
<i>Prepared & Analyzed: 06/13/06</i>										
Nitrite as N	0.9	0.1 mg/kg dry wt.		1.00		90.0	80-120	0.00	25	

Matrix Spike (B6F0327-MS1)										
<i>Source: 6060136-01 Prepared & Analyzed: 06/13/06</i>										
Nitrite as N	1.8	0.1 mg/kg dry wt.		1.00	18.9	NR	80-120			

Matrix Spike Dup (B6F0327-MSD1)										
<i>Source: 6060136-01 Prepared & Analyzed: 06/13/06</i>										
Nitrite as N	1.8	0.1 mg/kg dry wt.		1.00	18.9	NR	80-120	0.00	25	

Notes and Definitions

- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

LEGEND

Technical Services, Inc.

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31 July 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6070050

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 07/03/06 12:20.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

LEGEND TECHNICAL SERVICES OF ARIZONA, INC.



Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 7/3/06
Project Manager: Chuck Lockhart

Reported:
07/31/06 11:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDEWCN CAKE GRAB/MONTHLY COMPOSITE	6070050-01	Solid (Dry Weight)	Composite	06/30/06 00:00	07/03/06 12:20

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 7/3/06
 Project Manager: Chuck Lockhart

Reported:
 07/31/06 11:57

MBCDEWCN CAKE GRAB/MONTHLY COMPOSITE (6070050-01) Solid (Dry Weight) (Composite) Sampled: 06/30/06 00:00 Received: 07/03/06 12:20

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<4.00	4.00mg/kg dry wt.	1	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Cadmium	1.35	0.100mg/kg dry wt.	1	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Chromium	25.7	1.00mg/kg dry wt.	10	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Copper	371	2.00mg/kg dry wt.	10	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		M1
Lead	14.3	2.00mg/kg dry wt.	1	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Mercury	11.2	0.48mg/kg dry wt.	1	B6G0506	07/20/06 10:11	07/20/06 10:11	EPA 7471A		M2
Molybdenum	10.4	8.00mg/kg dry wt.	10	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Nickel	24.7	4.00mg/kg dry wt.	10	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Selenium	<4.00	4.00mg/kg dry wt.	1	B6G0383	07/13/06 14:16	07/20/06 17:27	EPA 6010B		
Zinc	614	8.00mg/kg dry wt.	10	B6G0383	07/13/06 14:16	07/18/06 17:34	EPA 6010B		
Inorganic Chemistry									
Nitrate as N	1.30	0.33 mg/kg	1	[CALC]	07/18/06 06:31	07/18/06 06:31	Calculation		
Organic Nitrogen	27200	83.3 mg/kg	25	[CALC]	07/18/06 06:31	07/18/06 14:43	Calculation		
Total Nitrogen	37100	83.3 mg/kg	25	[CALC]	07/18/06 06:31	07/18/06 06:31	Calculation		
Ammonia as N	9880	33.3mg/kg dry wt.	10	B6G0446	07/18/06 14:43	07/18/06 14:43	EPA 350.1		M2
Nitrate + Nitrite	3.00	0.33mg/kg dry wt.	1	B6G0322	07/18/06 06:31	07/18/06 06:31	SM 4500 NO3 F		
Nitrite as N	1.7	0.01mg/kg dry wt.	1	B6G0376	07/14/06 15:00	07/14/06 15:00	SM 4500 NO2 B M2		
Total Kjeldahl Nitrogen	37100	83.3mg/kg dry wt.	25	B6G0330	07/14/06 06:07	07/14/06 06:07	EPA 351.2		M4
Total Phosphorous	5.40	0.005mg/kg dry wt.	1	B6G0494	07/19/06 06:00	07/19/06 06:00	EPA 385.2		M4
Total Fixed Solids	51	1 %	1	B6G0123	07/06/06 16:54	07/06/06 16:54	SM 2540 G		
% Solids	30	1 %	1	B6G0123	07/06/06 16:54	07/06/06 16:54	SM 2540 G		
Total Volatile Solids [TVS]	49	1 %	1	B6G0123	07/06/06 16:54	07/06/06 16:54	SM 2540 G		

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
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 Project Manager: Chuck Lockhart

Reported:
 07/31/06 11:57

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6G0383 - EPA 3050B

Blank (B6G0383-BLK1)

Prepared: 07/13/06 Analyzed: 07/18/06

Arsenic	<4.00	4.00mg/kg dry wt.								
Cadmium	<0.100	0.100mg/kg dry wt.								
Chromium	<0.100	0.100mg/kg dry wt.								
Copper	<0.200	0.200mg/kg dry wt.								
Lead	<2.00	2.00mg/kg dry wt.								
Molybdenum	<0.80	0.80mg/kg dry wt.								
Nickel	<0.400	0.400mg/kg dry wt.								
Selenium	<4.00	4.00mg/kg dry wt.								
Zinc	<0.800	0.800mg/kg dry wt.								

LCS (B6G0383-BS1)

Prepared: 07/13/06 Analyzed: 07/18/06

Copper	20.5	0.200mg/kg dry wt.	20.0		102	85-115		25		
Nickel	19.5	0.400mg/kg dry wt.	20.0		97.5	85-115		25		
Selenium	17.4	4.00mg/kg dry wt.	20.0		87.0	85-115		25		
Zinc	19.8	0.800mg/kg dry wt.	20.0		99.0	85-115		25		
Lead	19.5	2.00mg/kg dry wt.	20.0		97.5	85-115		25		
Chromium	10.0	0.100mg/kg dry wt.	10.0		100	85-115		200		
Cadmium	7.79	0.100mg/kg dry wt.	8.00		97.4	85-115		25		
Arsenic	40.5	4.00mg/kg dry wt.	40.0		101	85-115		25		
Molybdenum	4.34	0.80mg/kg dry wt.	4.00		108	85-115		25		

Matrix Spike (B6G0383-MS1)

Source: 6070050-01

Prepared: 07/13/06 Analyzed: 07/18/06

Lead	35.4	2.00mg/kg dry wt.	20.0	14.3	106	75-125		25		
Cadmium	8.91	0.100mg/kg dry wt.	8.00	1.35	94.5	75-125		25		
Zinc	730	0.800mg/kg dry wt.	20.0	614	580	75-125		25		
Selenium	20.3	4.00mg/kg dry wt.	20.0	2.52	88.9	75-125		25		
Nickel	50.5	0.400mg/kg dry wt.	20.0	24.7	129	75-125		25		
Molybdenum	17.6	0.80mg/kg dry wt.	4.00	10.4	180	75-125		25		
Arsenic	46.3	4.00mg/kg dry wt.	40.0	2.62	109	75-125		25		
Chromium	43.7	0.100mg/kg dry wt.	10.0	25.7	180	75-125		25		
Copper	<0.200	0.200mg/kg dry wt.	20.0	371	NR	75-125		25		

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 7/3/06
 Project Manager: Chuck Lockhart

Reported:
 07/31/06 11:57

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6G0383 - EPA 3050B

Matrix Spike (B6G0383-MS2)		Source: 6070050-01		<i>Prepared: 07/13/06 Analyzed: 07/18/06</i>						
Zinc	4.18		mg/L	1.00	3.07	111	75-125		25	
Copper	3.00		mg/L	1.00	1.86	114	75-125		25	
Chromium	0.632		mg/L	0.500	0.129	101	75-125		25	
Nickel	1.12		mg/L	1.00	0.124	99.6	75-125		25	
Molybdenum	0.26		mg/L	0.200	0.0521	104	75-125		25	

Matrix Spike Dup (B6G0383-MSD1)		Source: 6070050-01		<i>Prepared: 07/13/06 Analyzed: 07/18/06</i>					
Nickel	52.0	0.400 mg/kg dry wt.	20.0	24.7	136	75-125	2.93	25	
Zinc	751	0.800 mg/kg dry wt.	20.0	614	685	75-125	2.84	25	
Selenium	20.5	4.00 mg/kg dry wt.	20.0	2.52	89.9	75-125	0.980	25	
Chromium	44.8	0.100 mg/kg dry wt.	10.0	25.7	191	75-125	2.49	25	
Cadmium	9.15	0.100 mg/kg dry wt.	8.00	1.35	97.5	75-125	2.66	25	
Arsenic	47.8	4.00 mg/kg dry wt.	40.0	2.62	113	75-125	3.19	25	
Molybdenum	18.1	0.80 mg/kg dry wt.	4.00	10.4	192	75-125	2.80	25	
Lead	36.0	2.00 mg/kg dry wt.	20.0	14.3	108	75-125	1.68	25	
Copper	619	0.200 mg/kg dry wt.	20.0	371	NR	75-125		25	

Matrix Spike Dup (B6G0383-MSD2)		Source: 6070050-01		<i>Prepared: 07/13/06 Analyzed: 07/18/06</i>					
Chromium	0.656	mg/L	0.500	0.129	105	75-125	3.73	25	
Copper	3.12	mg/L	1.00	1.86	126	75-125	3.92	25	M1
Molybdenum	0.28	mg/L	0.200	0.0521	114	75-125	7.41	25	
Zinc	4.32	mg/L	1.00	3.07	125	75-125	3.29	25	
Nickel	1.16	mg/L	1.00	0.124	104	75-125	3.51	25	

Batch B6G0506 - EPA 7471A Prep

Blank (B6G0506-BLK1)		<i>Prepared & Analyzed: 07/20/06</i>	
Mercury	<0.17	0.17 mg/kg dry wt.	

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 7/3/06
 Project Manager: Chuck Lockhart

Reported:
 07/31/06 11:57

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6G0506 - EPA 7471A Prep										
LCS (B6G0506-BS1)										
<i>Prepared & Analyzed: 07/20/06</i>										
Mercury	0.68	0.23mg/kg dry wt.		0.667		102	85-115		20	
Matrix Spike (B6G0506-MS1)										
Source: 6070050-01 <i>Prepared & Analyzed: 07/20/06</i>										
Mercury	0.73	0.48mg/kg dry wt.		0.667	11.2	NR	70-130		20	M2
Matrix Spike Dup (B6G0506-MSD1)										
Source: 6070050-01 <i>Prepared & Analyzed: 07/20/06</i>										
Mercury	0.81	0.48mg/kg dry wt.		0.667	11.2	NR	70-130	10.4	20	M2

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6G0123 - Default Prep GenChem										
Blank (B6G0123-BLK1) Prepared & Analyzed: 07/06/06										
% Solids	<1	1	%							
Total Fixed Solids	<1	1	%							
Total Volatile Solids	<1	1	%							
Duplicate (B6G0123-DUP1) Source: 6070050-01 Prepared & Analyzed: 07/06/06										
% Solids	30	1	%		30			0.00	5	
Total Volatile Solids	48	1	%		49			2.06	5	
Total Fixed Solids	52	1	%		51			1.94	5	
Batch B6G0322 - Default Prep GenChem										
Blank (B6G0322-BLK1) Prepared & Analyzed: 07/18/06										
Nitrate + Nitrite	<0.10		0.10mg/kg dry wt.							
_CS (B6G0322-BS1) Prepared & Analyzed: 07/18/06										
Nitrate + Nitrite	90.4		0.10mg/kg dry wt.	100		90.4	80-120		25	
_CS Dup (B6G0322-BSD1) Prepared & Analyzed: 07/18/06										
Nitrate + Nitrite	86.0		0.10mg/kg dry wt.	100		86.0	80-120	4.99	25	
Matrix Spike (B6G0322-MS1) Source: 6061470-03 Prepared & Analyzed: 07/18/06										
Nitrate + Nitrite	115		0.10mg/kg dry wt.	100	33.6	81.4	80-120		25	
Matrix Spike Dup (B6G0322-MSD1) Source: 6061470-03 Prepared & Analyzed: 07/18/06										
Nitrate + Nitrite	115		0.10mg/kg dry wt.	100	33.6	81.4	80-120	0.00	25	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
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Project: Monthly Biosolids Analysis
 Project Number: 7/3/06
 Project Manager: Chuck Lockhart

Reported:
 07/31/06 11:57

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6G0330 - Default Prep GenChem										
Blank (B6G0330-BLK1) <i>Prepared & Analyzed: 07/14/06</i>										
Total Kjeldahl Nitrogen	<1.00		1.00 mg/kg dry wt.							
LCS (B6G0330-BS1) <i>Prepared & Analyzed: 07/14/06</i>										
Total Kjeldahl Nitrogen	130		1.00 mg/kg dry wt.	125		104	90-110		25	
LCS Dup (B6G0330-BSD1) <i>Prepared & Analyzed: 07/14/06</i>										
Total Kjeldahl Nitrogen	135		1.00 mg/kg dry wt.	125		108	90-110	3.77	25	
Matrix Spike (B6G0330-MS1) Source: 6070050-01 <i>Prepared & Analyzed: 07/14/06</i>										
Total Kjeldahl Nitrogen	4180		1.00 mg/kg dry wt.	125	37100	NR	90-110		25	M4
Matrix Spike Dup (B6G0330-MSD1) Source: 6070050-01 <i>Prepared & Analyzed: 07/14/06</i>										
Total Kjeldahl Nitrogen	4140		1.00 mg/kg dry wt.	125	37100	NR	90-110	0.380	25	M4
Batch B6G0376 - Default Prep GenChem										
Blank (B6G0376-BLK1) <i>Prepared & Analyzed: 07/14/06</i>										
Nitrite as N	<0.1		0.1 mg/kg dry wt.							
LCS (B6G0376-BS1) <i>Prepared & Analyzed: 07/14/06</i>										
Nitrite as N	0.9		0.1 mg/kg dry wt.	1.00		90.0	80-120		25	
LCS Dup (B6G0376-BSD1) <i>Prepared & Analyzed: 07/14/06</i>										
Nitrite as N	0.9		0.1 mg/kg dry wt.	1.00		90.0	80-120	0.00	25	
Matrix Spike (B6G0376-MS1) Source: 6070050-01 <i>Prepared & Analyzed: 07/14/06</i>										
Nitrite as N	0.2		0.1 mg/kg dry wt.	0.500	1.7	NR	80-120		25	M2

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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6G0376 - Default Prep GenChem										
Matrix Spike Dup (B6G0376-MSD1) Source: 6070050-01 Prepared & Analyzed: 07/14/06										
Nitrite as N	0.2	0.1 mg/kg dry wt.	0.500	1.7	NR	NR	80-120	0.00	25	M2
Batch B6G0446 - Default Prep GenChem										
Blank (B6G0446-BLK1) Prepared & Analyzed: 07/18/06										
Ammonia as N	<1.00	1.00 mg/kg dry wt.								
..CS (B6G0446-BS1) Prepared & Analyzed: 07/18/06										
Ammonia as N	93.6	1.00 mg/kg dry wt.	100		93.6	NR	80-120		25	
..CS Dup (B6G0446-BSD1) Prepared & Analyzed: 07/18/06										
Ammonia as N	93.7	1.00 mg/kg dry wt.	100		93.7	NR	80-120	0.107	25	
Matrix Spike (B6G0446-MS1) Source: 6070050-01 Prepared & Analyzed: 07/18/06										
Ammonia as N	3760	10.0 mg/kg dry wt.	1000	9880	NR	NR	80-120		25	M2
Matrix Spike Dup (B6G0446-MSD1) Source: 6070050-01 Prepared & Analyzed: 07/18/06										
Ammonia as N	3840	10.0 mg/kg dry wt.	1000	9880	NR	NR	80-120	1.32	25	M2
Batch B6G0494 - Default Prep GenChem										
Blank (B6G0494-BLK1) Prepared & Analyzed: 07/19/06										
Total Phosphorous	<0.05	0.05 mg/kg dry wt.								
LCS (B6G0494-BS1) Prepared & Analyzed: 07/19/06										
Total Phosphorous	0.83	0.05 mg/kg dry wt.	1.00		83.0	NR	80-120		25	

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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6G0494 - Default Prep GenChem										
LCS Dup (B6G0494-BSD1) <i>Prepared & Analyzed: 07/19/06</i>										
Total Phosphorous	0.83	0.05mg/kg dry wt.		1.00		83.0	80-120	0.00	25	
Matrix Spike (B6G0494-MS1) <i>Prepared & Analyzed: 07/19/06</i>										
Total Phosphorous	23.3	0.05mg/kg dry wt.		1.00	5.40	NR	80-120		25	M4
Matrix Spike Dup (B6G0494-MSD1) <i>Prepared & Analyzed: 07/19/06</i>										
Total Phosphorous	22.6	0.05mg/kg dry wt.		1.00	5.40	NR	80-120	3.99	25	M4

Notes and Definitions

- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

LEGEND

Technical Services, Inc.

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16 August 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6080153

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 08/02/06 11:48.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.



Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 8/2/06
Project Manager: Chuck Lockhart

Reported:
08/16/06 15:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBC DEWCN (BIOSOLIDS CAKE)	6080153-01	Solid	Composite	07/31/06 10:00	08/02/06 11:48

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

BC DEWCN (BIOSOLIDS CAKE) (6080153-01) Solid (Composite) Sampled: 07/31/06 10:00 Received: 08/02/06 11:48

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<4.00	4.00mg/kg dry wt.		1	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Cadmium	2.80	0.100mg/kg dry wt.		1	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Chromium	46.8	0.100mg/kg dry wt.		1	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Copper	645	2.00mg/kg dry wt.		10	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Lead	24.0	2.00mg/kg dry wt.		1	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Mercury	4.19	0.56mg/kg dry wt.		1	B6H0288	08/08/06 16:40	08/08/06 16:55	EPA 7471A	
Molybdenum	19.8	15.0mg/kg dry wt.		10	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Nickel	38.9	0.400mg/kg dry wt.		1	B6H0275	08/07/06 14:56	08/11/06 09:43	EPA 6010B	
Selenium	<4.00	4.00mg/kg dry wt.		1	B6H0275	08/07/06 14:56	08/14/06 17:59	EPA 6010B	
Zinc	886	4.00mg/kg dry wt.		10	B6H0275	08/07/06 14:56	08/14/06 17:59	EPA 6010B	M2
Organic Chemistry									
Nitrate as N	0.74	0.36 mg/kg		1	[CALC]	08/09/06 08:50	08/09/06 08:50	Calculation	
Organic Nitrogen	27500	17.9 mg/kg		10	[CALC]	08/09/06 08:50	08/15/06 13:57	Calculation	
Total Nitrogen	32100	0.36 mg/kg		10	[CALC]	08/09/06 08:50	08/09/06 08:50	Calculation	
Ammonia as N	4620	17.9mg/kg dry wt.		5	B6H0497	08/15/06 13:57	08/15/06 13:57	EPA 350.1	
Nitrate + Nitrite	2.14	0.36mg/kg dry wt.		1	B6H0310	08/09/06 08:50	08/09/06 08:50	SM 4500 NO3 F	
Nitrite as N	1.4	0.01mg/kg dry wt.		1	B6H0292	08/08/06 17:31	08/08/06 17:34	SM 4500 NO2 B M2	
Total Kjeldahl Nitrogen	32100	0.0400mg/kg dry wt.		10	B6H0136	08/04/06 06:36	08/04/06 06:36	EPA 351.2	M4
Total Phosphorous	117	0.50mg/kg dry wt.		10	B6H0322	08/09/06 09:00	08/09/06 09:00	EPA 366.2	M4
Total Fixed Solids	57	1 %		1	B6H0181	08/04/06 15:43	08/04/06 15:43	SM 2540 G	
Total Solids	28	1 %		1	B6H0181	08/04/06 15:43	08/04/06 15:43	SM 2540 G	
Total Volatile Solids [TVS]	43	1 %		1	B6H0181	08/04/06 15:43	08/04/06 15:43	SM 2540 G	

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Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6H0275 - EPA 3050B

Blank (B6H0275-BLK1)

Prepared: 08/07/06 Analyzed: 08/11/06

Lead	<2.00	2.00 mg/kg dry wt.								
Arsenic	<4.00	4.00 mg/kg dry wt.								
Cadmium	<0.100	0.100 mg/kg dry wt.								
Chromium	<0.100	0.100 mg/kg dry wt.								
Copper	<0.200	0.200 mg/kg dry wt.								
Zinc	<0.400	0.400 mg/kg dry wt.								
Selenium	<4.00	4.00 mg/kg dry wt.								
Nickel	<0.400	0.400 mg/kg dry wt.								
Molybdenum	<1.50	1.50 mg/kg dry wt.								

LCS (B6H0275-BS1)

Prepared: 08/07/06 Analyzed: 08/11/06

Copper	20.5	0.200 mg/kg dry wt.	20.0		102	85-115	25			
Lead	20.0	2.00 mg/kg dry wt.	20.0		100	85-115	25			
Chromium	10.5	0.100 mg/kg dry wt.	10.0		105	85-115	200			
Nickel	21.0	0.400 mg/kg dry wt.	20.0		105	85-115	25			
Selenium	19.6	4.00 mg/kg dry wt.	20.0		98.0	85-115	25			
Zinc	19.0	0.400 mg/kg dry wt.	20.0		95.0	85-115	25			
Molybdenum	4.39	1.50 mg/kg dry wt.	4.00		110	85-115	25			
Arsenic	39.9	4.00 mg/kg dry wt.	40.0		99.8	85-115	25			
Cadmium	8.29	0.100 mg/kg dry wt.	8.00		104	85-115	25			

Matrix Spike (B6H0275-MS1)

Source: 6080153-01

Prepared: 08/07/06 Analyzed: 08/11/06

Cadmium	9.48	0.100 mg/kg dry wt.	8.00	2.80	83.5	75-125	25			
Chromium	55.8	0.100 mg/kg dry wt.	10.0	46.8	90.0	75-125	25			
Selenium	24.6	4.00 mg/kg dry wt.	20.0	2.58	110	75-125	25			
Zinc	<0.400	0.400 mg/kg dry wt.	20.0	886	NR	75-125	25			
Copper	698	0.200 mg/kg dry wt.	20.0	645	265	75-125	25			
Lead	41.0	2.00 mg/kg dry wt.	20.0	24.0	85.0	75-125	25			
Molybdenum	24.6	1.50 mg/kg dry wt.	4.00	19.8	120	75-125	25			
Nickel	55.7	0.400 mg/kg dry wt.	20.0	38.9	84.0	75-125	25			
Arsenic	43.9	4.00 mg/kg dry wt.	40.0	3.97	99.8	75-125	25			

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6H0275 - EPA 3050B										
Matrix Spike (B6H0275-MS2)		Source: 6080153-01		<i>Prepared: 08/07/06 Analyzed: 08/14/06</i>						
Zinc	5.11		mg/L	1.00	4.43	68.0	75-125		25	M2
Molybdenum	0.34		mg/L	0.200	0.0991	120	75-125		25	
Copper	4.30		mg/L	1.00	3.23	107	75-125		25	
Matrix Spike Dup (B6H0275-MSD1)		Source: 6080153-01		<i>Prepared: 08/07/06 Analyzed: 08/11/06</i>						
Arsenic	44.5	4.00	mg/kg dry wt.	39.8	3.97	102	75-125	1.36	25	
Copper	693	0.200	mg/kg dry wt.	19.9	645	241	75-125	0.719	25	
Lead	40.9	2.00	mg/kg dry wt.	19.9	24.0	84.9	75-125	0.244	25	
Chromium	55.3	0.100	mg/kg dry wt.	9.96	46.8	85.3	75-125	0.900	25	
Molybdenum	25.4	1.50	mg/kg dry wt.	3.98	19.8	141	75-125	3.20	25	
Nickel	55.1	0.400	mg/kg dry wt.	19.9	38.9	81.4	75-125	1.08	25	
Selenium	24.9	4.00	mg/kg dry wt.	19.9	2.58	112	75-125	1.21	25	
Zinc	<0.400	0.400	mg/kg dry wt.	19.9	886	NR	75-125		25	
Cadmium	9.40	0.100	mg/kg dry wt.	7.97	2.80	82.8	75-125	0.847	25	
Matrix Spike Dup (B6H0275-MSD2)		Source: 6080153-01		<i>Prepared: 08/07/06 Analyzed: 08/14/06</i>						
Zinc	5.12		mg/L	1.00	4.43	69.0	75-125	0.195	25	M2
Copper	4.29		mg/L	1.00	3.23	106	75-125	0.233	25	
Molybdenum	0.35		mg/L	0.200	0.0991	125	75-125	2.90	25	
Batch B6H0288 - EPA 7471A Prep										
Blank (B6H0288-BLK1)		<i>Prepared & Analyzed: 08/08/06</i>								
Mercury	<0.17	0.17	mg/kg dry wt.							
BS (B6H0288-BS1)		<i>Prepared & Analyzed: 08/08/06</i>								
Mercury	<0.23	0.23	mg/kg dry wt.	0.667			85-115	20		

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6H0288 - EPA 7471A Prep

Matrix Spike (B6H0288-MS1) **Source: 6071396-01** *Prepared & Analyzed: 08/08/06*

Mercury	<0.17	0.17 mg/kg dry wt.	0.667	0.89	NR	70-130		20	
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Matrix Spike Dup (B6H0288-MSD1) **Source: 6071396-01** *Prepared & Analyzed: 08/08/06*

Mercury	<0.17	0.17 mg/kg dry wt.	0.667	0.89	NR	70-130		20	
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Project: Monthly Biosolids Analysis
 Project Number: 8/2/06
 Project Manager: Chuck Lockhart

Reported:
 08/16/06 15:40

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6H0136 - Default Prep GenChem										
Blank (B6H0136-BLK1) Prepared & Analyzed: 08/04/06										
Total Kjeldahl Nitrogen	<1.00		1.00 mg/kg dry wt.							
BS (B6H0136-BS1) Prepared & Analyzed: 08/04/06										
Total Kjeldahl Nitrogen	120	1.00 mg/kg dry wt.		125		96.0	90-110		25	
LCS Dup (B6H0136-BSD1) Prepared & Analyzed: 08/04/06										
Total Kjeldahl Nitrogen	128	1.00 mg/kg dry wt.		125		102	90-110	6.06	25	
Matrix Spike (B6H0136-MS1) Source: 6080153-01 Prepared & Analyzed: 08/04/06										
Total Kjeldahl Nitrogen	3630	1.00 mg/kg dry wt.		125	32100	NR	90-110		25	M4
Matrix Spike Dup (B6H0136-MSD1) Source: 6080153-01 Prepared & Analyzed: 08/04/06										
Total Kjeldahl Nitrogen	3670	1.00 mg/kg dry wt.		125	32100	NR	90-110	0.440	25	M4
Batch B6H0181 - NO PREP										
Blank (B6H0181-BLK1) Prepared & Analyzed: 08/04/06										
% Solids	<1		1 %							
Total Fixed Solids	<1		1 %							
Total Volatile Solids	<1		1 %							
Duplicate (B6H0181-DUP1) Source: 6080153-01 Prepared & Analyzed: 08/04/06										
Total Volatile Solids	42		1 %		43			2.35	5	
Total Solids	28		1 %		28			0.00	5	
Total Fixed Solids	58		1 %		57			1.74	5	

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6H0292 - NO PREP										
Blank (B6H0292-BLK1) <i>Prepared & Analyzed: 08/08/06</i>										
Nitrite as N	<0.1	0.1 mg/kg dry wt.								
LCS (B6H0292-BS1) <i>Prepared & Analyzed: 08/08/06</i>										
Nitrite as N	0.9	0.1 mg/kg dry wt.		1.00		90.0	80-120		25	
LCS Dup (B6H0292-BSD1) <i>Prepared & Analyzed: 08/08/06</i>										
Nitrite as N	0.9	0.1 mg/kg dry wt.		1.00		90.0	80-120	0.00	25	
Matrix Spike (B6H0292-MS1) Source: 6080153-01 <i>Prepared & Analyzed: 08/08/06</i>										
Nitrite as N	0.6	0.1 mg/kg dry wt.		1.00	1.4	NR	80-120		25	M2
Matrix Spike Dup (B6H0292-MSD1) Source: 6080153-01 <i>Prepared & Analyzed: 08/08/06</i>										
Nitrite as N	0.6	0.1 mg/kg dry wt.		1.00	1.4	NR	80-120	0.00	25	M2
Batch B6H0310 - Default Prep GenChem										
Blank (B6H0310-BLK1) <i>Prepared & Analyzed: 08/09/06</i>										
Nitrate + Nitrite	<0.10	0.10 mg/kg dry wt.								
LCS (B6H0310-BS1) <i>Prepared & Analyzed: 08/09/06</i>										
Nitrate + Nitrite	102	0.10 mg/kg dry wt.		100		102	80-120		25	
LCS Dup (B6H0310-BSD1) <i>Prepared & Analyzed: 08/09/06</i>										
Nitrate + Nitrite	101	0.10 mg/kg dry wt.		100		101	80-120	0.985	25	
Matrix Spike (B6H0310-MS1) Source: 6080153-01 <i>Prepared & Analyzed: 08/09/06</i>										
Nitrate + Nitrite	98.4	0.10 mg/kg dry wt.		100	2.14	96.3	80-120		25	

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Reported:
 08/16/06 15:40

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6H0310 - Default Prep GenChem

Matrix Spike Dup (B6H0310-MSD1)		Source: 6080153-01		<i>Prepared & Analyzed: 08/09/06</i>						
Nitrate + Nitrite	95.1	0.10mg/kg dry wt.	100	2.14	93.0	80-120	3.49	25		

Batch B6H0322 - NO PREP

Blank (B6H0322-BLK1)		<i>Prepared & Analyzed: 08/09/06</i>								
Total Phosphorous	<0.05	0.05mg/kg dry wt.								

MS (B6H0322-BS1)		<i>Prepared & Analyzed: 08/09/06</i>								
Total Phosphorous	1.03	0.05mg/kg dry wt.	0.999		103	80-120		25		

MS Dup (B6H0322-BSD1)		<i>Prepared & Analyzed: 08/09/06</i>								
Total Phosphorous	1.02	0.05mg/kg dry wt.	0.999		102	80-120	0.976	25		

Matrix Spike (B6H0322-MS1)		Source: 6080153-01		<i>Prepared & Analyzed: 08/09/06</i>						
Total Phosphorous	22.7	0.05mg/kg dry wt.	0.999	117	NR	80-120		25		M4

Matrix Spike Dup (B6H0322-MSD1)		Source: 6080153-01		<i>Prepared & Analyzed: 08/09/06</i>						
Total Phosphorous	22.8	0.05mg/kg dry wt.	0.999	117	NR	80-120	0.106	25		M4

Batch B6H0497 - Default Prep GenChem

Blank (B6H0497-BLK1)		<i>Prepared & Analyzed: 08/15/06</i>								
Ammonia as N	<1.00	1.00mg/kg dry wt.								

MS (B6H0497-BS1)		<i>Prepared & Analyzed: 08/15/06</i>								
Ammonia as N	90.7	1.00mg/kg dry wt.	100		90.7	80-120		25		

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 8/2/06
 Project Manager: Chuck Lockhart

Reported:
 08/16/06 15:40

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6H0497 - Default Prep GenChem										
LCS Dup (B6H0497-BSD1)										
				<i>Prepared & Analyzed: 08/15/06</i>						
Ammonia as N	90.9	1.00mg/kg dry wt.		100		90.9	80-120	0.220	25	
Matrix Spike (B6H0497-MS1)										
				Source: 6080153-01 <i>Prepared & Analyzed: 08/15/06</i>						
Ammonia as N	1730	5.00mg/kg dry wt.		500	4620	NR	80-120		25	
Matrix Spike Dup (B6H0497-MSD1)										
				Source: 6080153-01 <i>Prepared & Analyzed: 08/15/06</i>						
Ammonia as N	1720	5.00mg/kg dry wt.		500	4620	NR	80-120	0.345	25	

Notes and Definitions

- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- V12 Matrix spike recovery was low, the method control sample recovery was acceptable.
- BLK Method Blank
- .CS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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03 October 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6090043

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 09/01/06 11:00.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

A handwritten signature in black ink that reads "Lisa Sutherland". The signature is written in a cursive, flowing style.

Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 8/31/06
Project Manager: Chuck Lockhart

Reported:
10/03/06 17:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBC DEWCN (BIOSOLIDS CAKE)	6090043-01	Solid (Dry Weight)	Composite	08/31/06 10:00	09/01/06 11:00

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 8/31/06
 Project Manager: Chuck Lockhart

Reported:
 10/03/06 17:31

MBC DEWCN (BIOSOLIDS CAKE) (6090043-01) Solid (Dry Weight) (Composite) Sampled: 08/31/06 10:00 Received: 09/01/06 11:00

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	28.7	14.3 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Cadmium	6.62	0.357 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Chromium	193	0.357 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Copper	2380	7.14 mg/kg dry		10	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Lead	68.2	7.14 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Mercury	22.2	2.54 mg/kg dry		1	B6I0146	09/06/06 16:50	09/06/06 16:50	EPA 7471A	
Molybdenum	54.4	2.86 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Nickel	186	1.43 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Selenium	<14.3	14.3 mg/kg dry		1	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Zinc	3330	71.4 mg/kg dry		10	B6I0305	09/13/06 06:54	09/14/06 17:07	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	1.30	1.10 mg/kg		1	[CALC]	09/07/06 13:50	09/06/06 13:08	Calculation	
Organic Nitrogen	1130	102 mg/kg		10	[CALC]	09/07/06 13:50	09/07/06 13:50	Calculation	
Total Nitrogen	2570	97.5 mg/kg		10	[CALC]	09/07/06 13:50	09/07/06 13:50	Calculation	
Ammonia as N	5160	17.9 mg/kg dry		5	B6I0117	09/06/06 06:30	09/06/06 06:30	EPA 350.1	M2
Nitrate + Nitrite	5.36	3.57 mg/kg dry		1	B6I0135	09/06/06 13:08	09/06/06 13:08	SM 4500 NO3 F	
Nitrite as N	0.7	0.4 mg/kg dry		1	B6I0111	09/05/06 17:40	09/05/06 17:44	SM 4500 NO2 B	M1, X
Total Kjeldahl Nitrogen	9170	345 mg/kg dry		10	B6I0196	09/07/06 13:50	09/07/06 13:50	EPA 351.2	M4
% Solids	28	1 %		1	B6I0361	09/06/06 16:15	09/06/06 16:15	Solids	
Total Phosphorous	165	44.6 mg/kg dry		25	B6I0147	09/06/06 08:00	09/06/06 08:00	EPA 365.2	M4
Total Fixed Solids	62	1 %		1	B6I0158	09/06/06 15:30	09/06/06 15:30	SM 2540 G	
% Solids	28	1 %		1	B6I0158	09/06/06 15:30	09/06/06 15:30	SM 2540 G	
Total Volatile Solids [TVS]	38	1 %		1	B6I0158	09/06/06 15:30	09/06/06 15:30	SM 2540 G	

Legend Technical Services of Arizona, Inc.

Certifications: AZ #0004 MN #004-999-387 AIHA #102982

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 8/31/06
 Project Manager: Chuck Lockhart

Reported:
 10/03/06 17:31

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6I0146 - EPA 7471A Prep										
Blank (B6I0146-BLK1) Prepared & Analyzed: 09/06/06										
Mercury	<0.17	0.17	mg/kg wet							
LCS (B6I0146-BS1) Prepared & Analyzed: 09/06/06										
Mercury	<0.17	0.17	mg/kg wet	0.667			85-115		20	
Matrix Spike (B6I0146-MS1) Source: 6081911-01 Prepared & Analyzed: 09/06/06										
Mercury	<13.1	13.1	mg/kg dry	15.4	1790	NR	70-130		20	
Matrix Spike Dup (B6I0146-MSD1) Source: 6081911-01 Prepared & Analyzed: 09/06/06										
Mercury	<13.1	13.1	mg/kg dry	15.4	1790	NR	70-130		20	
Batch B6I0305 - EPA 3050B										
Blank (B6I0305-BLK1) Prepared: 09/12/06 Analyzed: 09/14/06										
Zinc	<2.00	2.00	mg/kg wet							
Arsenic	<4.00	4.00	mg/kg wet							
Cadmium	<0.100	0.100	mg/kg wet							
Copper	<0.20	0.20	mg/kg wet							
Lead	<2.00	2.00	mg/kg wet							
Molybdenum	<0.80	0.80	mg/kg wet							
Nickel	<0.40	0.40	mg/kg wet							
Selenium	<4.0	4.0	mg/kg wet							
Chromium	<0.100	0.100	mg/kg wet							
LCS (B6I0305-BS1) Prepared: 09/12/06 Analyzed: 09/14/06										
Molybdenum	4.11	0.80	mg/kg wet	4.00		103	85-115		25	
Lead	20.1	2.00	mg/kg wet	20.0		100	85-115		25	
Copper	19.6	0.20	mg/kg wet	20.0		98.0	85-115		25	
Nickel	19.0	0.40	mg/kg wet	20.0		95.0	85-115		25	
Arsenic	45.7	4.00	mg/kg wet	40.0		114	85-115		25	
Cadmium	7.34	0.100	mg/kg wet	8.00		91.8	85-115		25	
Chromium	9.52	0.100	mg/kg wet	10.0		95.2	85-115		200	
Selenium	18.7	4.0	mg/kg wet	20.0		93.5	85-115		25	
Zinc	22.0	2.00	mg/kg wet	20.0		110	85-115		25	

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Project: Monthly Biosolids Analysis
 Project Number: 8/31/06
 Project Manager: Chuck Lockhart

Reported:
 10/03/06 17:31

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6I0305 - EPA 3050B										
Matrix Spike (B6I0305-MS1)										
		Source: 6090118-01		<i>Prepared: 09/12/06</i>		<i>Analyzed: 09/14/06</i>				
Copper	410	0.20	mg/kg wet	20.0	407	15.0	75-125		25	
Selenium	17.4	4.0	mg/kg wet	20.0	4.0	67.0	75-125		25	
Matrix Spike (B6I0305-MS2)										
		Source: 6090118-01		<i>Prepared: 09/12/06</i>		<i>Analyzed: 09/14/06</i>				
Zinc	3.16		mg/L	1.00	2.24	92.0	75-125		25	
Arsenic	2.21		mg/L	2.00	0.102	105	75-125		25	
Molybdenum	0.19		mg/L	0.200	0.0105	89.8	75-125		25	
Selenium	0.9		mg/L	1.00	0.0198	88.0	75-125		25	
Lead	0.954		mg/L	1.00	0.0337	92.0	75-125		25	
Chromium	0.818		mg/L	0.500	0.349	93.8	75-125		25	
Cadmium	0.379		mg/L	0.400	0.00400	93.8	75-125		25	
Nickel	1.04		mg/L	1.00	0.0781	96.2	75-125		25	
Matrix Spike Dup (B6I0305-MSD1)										
		Source: 6090118-01		<i>Prepared: 09/12/06</i>		<i>Analyzed: 09/14/06</i>				
Selenium	14.0	4.0	mg/kg wet	20.0	4.0	50.0	75-125	29.1	25	
Copper	234	0.20	mg/kg wet	20.0	407	NR	75-125	NR	25	
Matrix Spike Dup (B6I0305-MSD2)										
		Source: 6090118-01		<i>Prepared: 09/12/06</i>		<i>Analyzed: 09/14/06</i>				
Cadmium	0.392		mg/L	0.400	0.00400	97.0	75-125	3.35	25	
Arsenic	2.25		mg/L	2.00	0.102	107	75-125	1.89	25	
Chromium	0.833		mg/L	0.500	0.349	96.8	75-125	3.15	25	
Selenium	0.9		mg/L	1.00	0.0198	88.0	75-125	0.00	25	
Zinc	3.26		mg/L	1.00	2.24	102	75-125	10.3	25	
Lead	0.986		mg/L	1.00	0.0337	95.2	75-125	3.42	25	
Nickel	1.07		mg/L	1.00	0.0781	99.2	75-125	3.07	25	
Molybdenum	0.20		mg/L	0.200	0.0105	94.8	75-125	5.42	25	

Legend Technical Services of Arizona, Inc.

Certifications: AZ #0004 MN #004--999-387 AIHA #102982

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City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 8/31/06
 Project Manager: Chuck Lockhart

Reported:
 10/03/06 17:31

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6I0111 - NO PREP										
Blank (B6I0111-BLK1)				<i>Prepared & Analyzed: 09/05/06</i>						
Nitrite as N	<0.1	0.1	mg/kg wet							
LCS (B6I0111-BS1)				<i>Prepared & Analyzed: 09/05/06</i>						
Nitrite as N	1.1	0.1	mg/kg wet	1.00		110	80-120		25	
LCS Dup (B6I0111-BSD1)				<i>Prepared & Analyzed: 09/05/06</i>						
Nitrite as N	1.1	0.1	mg/kg wet	1.00		110	80-120	0.00	25	
Matrix Spike (B6I0111-MS1)				Source: 6090043-01		<i>Prepared & Analyzed: 09/05/06</i>				
Nitrite as N	4.6	0.4	mg/kg dry	3.57	0.7	109	80-120		25	M1, X
Matrix Spike Dup (B6I0111-MSD1)				Source: 6090043-01		<i>Prepared & Analyzed: 09/05/06</i>				
Nitrite as N	4.6	0.4	mg/kg dry	3.57	0.7	109	80-120	0.00	25	M1, X
Batch B6I0117 - Default Prep GenChem										
Blank (B6I0117-BLK1)				<i>Prepared & Analyzed: 09/06/06</i>						
Ammonia as N	<1.00	1.00	mg/kg wet							
LCS (B6I0117-BS1)				<i>Prepared & Analyzed: 09/06/06</i>						
Ammonia as N	91.4	1.00	mg/kg wet	100		91.4	80-120		25	
LCS Dup (B6I0117-BSD1)				<i>Prepared & Analyzed: 09/06/06</i>						
Ammonia as N	93.0	1.00	mg/kg wet	100		93.0	80-120	1.74	25	
Matrix Spike (B6I0117-MS1)				Source: 6090043-01		<i>Prepared & Analyzed: 09/06/06</i>				
Ammonia as N	6570	17.9	mg/kg dry	1790	5160	78.8	80-120		25	M2

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6I0117 - Default Prep GenChem										
Matrix Spike Dup (B6I0117-MSD1) Source: 6090043-01 <i>Prepared & Analyzed: 09/06/06</i>										
Ammonia as N	6770	17.9	mg/kg dry	1790	5160	89.9	80-120	13.2	25	
Batch B6I0135 - Default Prep GenChem										
Blank (B6I0135-BLK1) <i>Prepared & Analyzed: 09/06/06</i>										
Nitrate + Nitrite	<1.00	1.00	mg/kg wet							
LCS (B6I0135-BS1) <i>Prepared & Analyzed: 09/06/06</i>										
Nitrate + Nitrite	106	1.00	mg/kg wet	100		106	80-120		25	
LCS Dup (B6I0135-BSD1) <i>Prepared & Analyzed: 09/06/06</i>										
Nitrate + Nitrite	103	1.00	mg/kg wet	100		103	80-120	2.87	25	
Matrix Spike (B6I0135-MS1) Source: 6090043-01 <i>Prepared & Analyzed: 09/06/06</i>										
Nitrate + Nitrite	365	3.57	mg/kg dry	357	5.36	101	80-120		25	
Matrix Spike Dup (B6I0135-MSD1) Source: 6090043-01 <i>Prepared & Analyzed: 09/06/06</i>										
Nitrate + Nitrite	366	3.57	mg/kg dry	357	5.36	101	80-120	0.00	25	
Batch B6I0147 - NO PREP										
Blank (B6I0147-BLK1) <i>Prepared & Analyzed: 09/06/06</i>										
Total Phosphorous	<0.50	0.50	mg/kg wet							
LCS (B6I0147-BS1) <i>Prepared & Analyzed: 09/06/06</i>										
Total Phosphorous	1.08	0.50	mg/kg wet	1.00		108	80-120		25	

City of San Diego, Metro Biosolids Center
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6I0147 - NO PREP										
LCS Dup (B6I0147-BSD1) Prepared & Analyzed: 09/06/06										
Total Phosphorous	1.10	0.50	mg/kg wet	0.999		110	80-120	1.83	25	
Matrix Spike (B6I0147-MS1) Prepared & Analyzed: 09/06/06										
Total Phosphorous	28.3	0.50	mg/kg wet	0.999		NR	80-120		25	M4
Matrix Spike Dup (B6I0147-MSD1) Prepared & Analyzed: 09/06/06										
Total Phosphorous	28.4	0.50	mg/kg wet	0.999		NR	80-120	0.353	25	M4
Batch B6I0158 - NO PREP										
Blank (B6I0158-BLK1) Prepared & Analyzed: 09/07/06										
Total Volatile Solids	<1	1	%							
Total Fixed Solids	<1	1	%							
% Solids	<1	1	%							
Batch B6I0196 - NO PREP										
Blank (B6I0196-BLK1) Prepared & Analyzed: 09/07/06										
Total Kjeldahl Nitrogen	<25.0	25.0	mg/kg wet							
LCS (B6I0196-BS1) Prepared & Analyzed: 09/07/06										
Total Kjeldahl Nitrogen	118	25.0	mg/kg wet	125		94.4	90-110		25	
LCS Dup (B6I0196-BSD1) Prepared & Analyzed: 09/07/06										
Total Kjeldahl Nitrogen	115	25.0	mg/kg wet	125		92.0	90-110	2.58	25	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 8/31/06
 Project Manager: Chuck Lockhart

Reported:
 10/03/06 17:31

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6I0196 - NO PREP										
Matrix Spike (B6I0196-MS1)		Source: 6090043-01			<i>Prepared & Analyzed: 09/07/06</i>					
Total Kjeldahl Nitrogen	33600	345	mg/kg dry	21.5	9170	NR	90-110		25	M4
Matrix Spike Dup (B6I0196-MSD1)		Source: 6090043-01			<i>Prepared & Analyzed: 09/07/06</i>					
Total Kjeldahl Nitrogen	31500	345	mg/kg dry	21.5	9170	NR	90-110	9.17	25	M4
Batch B6I0361 - Default Prep GenChem										
Blank (B6I0361-BLK1)		<i>Prepared & Analyzed: 09/06/06</i>								
% Solids	<1	1	%							
Duplicate (B6I0361-DUP1)		Source: 6081831-02			<i>Prepared & Analyzed: 09/06/06</i>					
% Solids	0.6	1	%		0.5			18.2	5	R2

Notes and Definitions

- X Calculated matrix spike recovery inaccurate due to database limitations, the actual recovery was too high (M1).
- R2 RPD exceeded the laboratory control limit.
- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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25 October 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis
Legend ID: 6100120

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 10/03/06 11:10.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 9/1-9/30/06
Project Manager: Chuck Lockhart

Reported:
10/25/06 19:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDEWCN Biosolids CAKE	6100120-01	Solid (Dry Weight)	Composite	09/30/06 10:00	10/03/06 11:10

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 9/1-9/30/06
 Project Manager: Chuck Lockhart

Reported:
 10/25/06 19:32

MBCDEWCN Biosolids CAKE (6100120-01) Solid (Dry Weight) (Composite) Sampled: 09/30/06 10:00 Received: 10/03/06 11:10

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<15.0	15.0mg/kg dry wt. dry		1	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Cadmium	3.45	0.375mg/kg dry wt. dry		1	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Chromium	71.6	0.375mg/kg dry wt. dry		1	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Copper	730	7.49mg/kg dry wt. dry		10	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Lead	<74.9	74.9mg/kg dry wt. dry		10	B6J0217	10/09/06 16:15	10/16/06 00:00	EPA 6010B	
Mercury	0.57	0.17 mg/kg		1	B6J0234	10/10/06 12:47	10/10/06 12:51	EPA 7471A	M2
Molybdenum	42.2	30.0mg/kg dry wt. dry		10	B6J0217	10/09/06 16:15	10/16/06 00:00	EPA 6010B	
Nickel	81.0	1.50mg/kg dry wt. dry		1	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Selenium	<15.0	15.0mg/kg dry wt. dry		1	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Zinc	1040	15.0mg/kg dry wt. dry		10	B6J0217	10/09/06 16:15	10/11/06 13:04	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	<3.75	3.75mg/kg dry		1	[CALC]	10/11/06 12:58	10/11/06 13:08	Calculation	
Organic Nitrogen	36800	2320mg/kg dry		25	[CALC]	10/11/06 12:58	10/10/06 13:28	Calculation	
Total Nitrogen	48300	2320mg/kg dry		25	[CALC]	10/11/06 12:58	10/11/06 13:08	Calculation	
Ammonia as N	11500	mg/kg dry wt. dry		10	B6J0239	10/10/06 13:10	10/10/06 13:28	EPA 350.1	M1
Nitrate + Nitrite	4.47	3.75mg/kg dry wt. dry		1	B6J0270	10/11/06 12:58	10/11/06 13:08	SM 4500 NO3 F	
Nitrite as N	1.2	0.4mg/kg dry wt. dry		1	B6J0271	10/10/06 17:29	10/10/06 17:29	SM 4500 NO2 B	
Total Kjeldahl Nitrogen	48300	2320mg/kg dry wt. dry		25	B6J0129	10/06/06 14:32	10/06/06 15:59	EPA 351.2	M4
% Solids	27	1 %		1	B6J0138	10/06/06 13:45	10/06/06 14:59	Solids	
Total Phosphorous	93.9	46.8mg/kg dry wt. dry		25	B6J0337	10/11/06 03:28	10/11/06 03:28	EPA 365.2	M4
Total Fixed Solids	49	1 %		1	B6J0138	10/06/06 13:45	10/06/06 13:45	SM 2540 G	
% Solids	27	1 %		1	B6J0138	10/06/06 13:45	10/06/06 13:45	SM 2540 G	
Total Volatile Solids [TVS]	51	1 %		1	B6J0138	10/06/06 13:45	10/06/06 13:45	SM 2540 G	

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6J0217 - EPA 3050B

Blank (B6J0217-BLK1)

Prepared: 10/09/06 Analyzed: 10/11/06

Arsenic	<4.00	4.00 mg/kg dry wt.								
		wet								
Cadmium	<0.100	0.100 mg/kg dry wt.								
		wet								
Chromium	<0.100	0.100 mg/kg dry wt.								
		wet								
Copper	<0.20	0.20 mg/kg dry wt.								
		wet								
Lead	<2.00	2.00 mg/kg dry wt.								
		wet								
Molybdenum	<0.80	0.80 mg/kg dry wt.								
		wet								
Nickel	<0.40	0.40 mg/kg dry wt.								
		wet								
Selenium	<4.0	4.0 mg/kg dry wt.								
		wet								
Zinc	<0.40	0.40 mg/kg dry wt.								
		wet								

LCS (B6J0217-BS1)

Prepared: 10/09/06 Analyzed: 10/11/06

Copper	18.6	0.20 mg/kg dry wt.	20.0		93.0	85-115				
		wet								
Zinc	18.1	0.40 mg/kg dry wt.	20.0		90.5	85-115				
		wet								
Selenium	18.4	4.0 mg/kg dry wt.	20.0		92.0	85-115				
		wet								
Lead	19.3	2.00 mg/kg dry wt.	20.0		96.5	85-115				
		wet								
Chromium	9.37	0.100 mg/kg dry wt.	10.0		93.7	85-115				
		wet								
Arsenic	35.7	4.00 mg/kg dry wt.	40.0		89.2	85-115				
		wet								
Cadmium	7.33	0.100 mg/kg dry wt.	8.00		91.6	85-115				
		wet								
Nickel	18.5	0.40 mg/kg dry wt.	20.0		92.5	85-115				
		wet								
Molybdenum	3.60	0.80 mg/kg dry wt.	4.00		90.0	85-115				
		wet								

Matrix Spike (B6J0217-MS1)

Source: 6100120-01 *Prepared: 10/09/06 Analyzed: 10/11/06*

Selenium	71.8	15.0 mg/kg dry wt.	74.9	1.6	93.7	75-125				
		dry								
Chromium	103	0.375 mg/kg dry wt.	37.5	71.6	83.7	75-125				
		dry								
Cadmium	28.8	0.375 mg/kg dry wt.	30.0	3.45	84.5	75-125				
		dry								
Arsenic	141	15.0 mg/kg dry wt.	150	6.49	89.7	75-125				
		dry								
Nickel	142	1.50 mg/kg dry wt.	74.9	81.0	81.4	75-125				
		dry								
Zinc	<1.50	1.50 mg/kg dry wt.	74.9	1040	NR	75-125				
		dry								
Lead	<7.49	7.49 mg/kg dry wt.	74.9	70.6	NR	75-125				
		dry								

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6J0217 - EPA 3050B

Matrix Spike (B6J0217-MS1) Source: 6100120-01 Prepared: 10/09/06 Analyzed: 10/11/06

Copper	<0.75	0.75mg/kg dry wt.	dry	74.9	730	NR	75-125			
Molybdenum	<3.00	3.00mg/kg dry wt.	dry	15.0	42.2	NR	75-125			

Matrix Spike (B6J0217-MS2) Source: 6100120-01 Prepared: 10/09/06 Analyzed: 10/11/06

Copper	1.94		mg/L	1.00	0.974	96.6	75-125			
Zinc	2.35		mg/L	1.00	1.39	96.0	75-125			
Molybdenum	0.26		mg/L	0.200	0.0564	102	75-125			
Lead	1.16		mg/L	1.00	0.0942	107	75-125			

Matrix Spike Dup (B6J0217-MSD1) Source: 6100120-01 Prepared: 10/09/06 Analyzed: 10/11/06

Zinc	<1.50	1.50mg/kg dry wt.	dry	74.9	1040	NR	75-125		25	
Chromium	102	0.375mg/kg dry wt.	dry	37.5	71.6	81.1	75-125	3.16	25	
Cadmium	28.8	0.375mg/kg dry wt.	dry	30.0	3.45	84.5	75-125	0.00	25	
Selenium	71.3	15.0mg/kg dry wt.	dry	74.9	1.6	93.1	75-125	0.642	25	
Arsenic	141	15.0mg/kg dry wt.	dry	150	6.49	89.7	75-125	0.00	25	
Nickel	142	1.50mg/kg dry wt.	dry	74.9	81.0	81.4	75-125	0.00	25	
Molybdenum	<3.00	3.00mg/kg dry wt.	dry	15.0	42.2	NR	75-125		25	
Lead	<7.49	7.49mg/kg dry wt.	dry	74.9	70.6	NR	75-125		25	
Copper	<0.75	0.75mg/kg dry wt.	dry	74.9	730	NR	75-125		25	

Matrix Spike Dup (B6J0217-MSD2) Source: 6100120-01 Prepared: 10/09/06 Analyzed: 10/17/06

Molybdenum	0.28		mg/L	0.200	0.0564	112	75-125	9.35	25	
Zinc	2.33		mg/L	1.00	1.39	94.0	75-125	2.11	25	
Lead	1.21		mg/L	1.00	0.0942	112	75-125	4.57	25	
Copper	1.94		mg/L	1.00	0.974	96.6	75-125	0.00	25	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 9/1-9/30/06
 Project Manager: Chuck Lockhart

Reported:
 10/25/06 19:32

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6J0234 - EPA 7471A Prep										
Blank (B6J0234-BLK1)				<i>Prepared & Analyzed: 10/10/06</i>						
Mercury	<0.17	0.17	mg/kg							
LCS (B6J0234-BS1)				<i>Prepared & Analyzed: 10/10/06</i>						
Mercury	0.65	0.17	mg/kg	0.667		97.5	85-115			
Matrix Spike (B6J0234-MS1)				Source: 6100120-01		<i>Prepared & Analyzed: 10/10/06</i>				
Mercury	1.03	0.17	mg/kg	0.667	0.57	69.0	70-130			M2
Matrix Spike Dup (B6J0234-MSD1)				Source: 6100120-01		<i>Prepared & Analyzed: 10/10/06</i>				
Mercury	1.00	0.17	mg/kg	0.645	0.57	66.7	70-130	2.96	20	M2

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6J0129 - Default Prep GenChem										
Blank (B6J0129-BLK1) Prepared & Analyzed: 10/06/06										
Total Kjeldahl Nitrogen	<1.00		1.00mg/kg dry wt. wet							
LCS (B6J0129-BS1) Prepared & Analyzed: 10/06/06										
Total Kjeldahl Nitrogen	5.16		1.00mg/kg dry wt. wet	5.00		103	90-110			
LCS Dup (B6J0129-BSD1) Prepared & Analyzed: 10/06/06										
Total Kjeldahl Nitrogen	5.01		1.00mg/kg dry wt. wet	5.00		100	90-110	2.96	25	
Matrix Spike (B6J0129-MS1) Source: 6100120-01 Prepared & Analyzed: 10/06/06										
Total Kjeldahl Nitrogen	61300		92.9mg/kg dry wt. dry	465	48300	NR	90-110			M4
Matrix Spike Dup (B6J0129-MSD1) Source: 6100120-01 Prepared & Analyzed: 10/06/06										
Total Kjeldahl Nitrogen	63200		92.9mg/kg dry wt. dry	465	48300	NR	90-110	13.3	25	M4
Batch B6J0138 - NO PREP										
Blank (B6J0138-BLK1) Prepared & Analyzed: 10/06/06										
% Solids	<1		1 %							
Total Volatile Solids	<1		1 %							
% Solids	<1		1 %							
Total Fixed Solids	<1		1 %							
Duplicate (B6J0138-DUP1) Source: 6100120-01 Prepared & Analyzed: 10/06/06										
% Solids	26		1 %		27			3.77	5	
Total Volatile Solids	50		1 %		51			1.98	5	
% Solids	26		1 %		27			3.77	5	
Total Fixed Solids	50		1 %		49			2.02	5	

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6J0239 - Default Prep GenChem										
Blank (B6J0239-BLK1) <i>Prepared & Analyzed: 10/10/06</i>										
Ammonia as N	0.00		mg/kg dry wt. wet							
LCS (B6J0239-BS1) <i>Prepared & Analyzed: 10/10/06</i>										
Ammonia as N	101		mg/kg dry wt. wet	100		101	90-110			
LCS Dup (B6J0239-BSD1) <i>Prepared & Analyzed: 10/10/06</i>										
Ammonia as N	100		mg/kg dry wt. wet	100		100	90-110	0.995	25	
Matrix Spike (B6J0239-MS1) Source: 6100120-01 <i>Prepared & Analyzed: 10/10/06</i>										
Ammonia as N	15700		mg/kg dry wt. dry	375	11500	NR	90-110			M1
Matrix Spike Dup (B6J0239-MSD1) Source: 6100120-01 <i>Prepared & Analyzed: 10/10/06</i>										
Ammonia as N	15700		mg/kg dry wt. dry	375	11500	NR	90-110	0.00	25	M1
Batch B6J0270 - Default Prep GenChem										
Blank (B6J0270-BLK1) <i>Prepared & Analyzed: 10/11/06</i>										
Nitrate + Nitrite	<0.10		0.10 mg/kg dry wt. wet							
LCS (B6J0270-BS1) <i>Prepared & Analyzed: 10/11/06</i>										
Nitrate + Nitrite	102		1.00 mg/kg dry wt. wet	100		102	90-110			
LCS Dup (B6J0270-BSD1) <i>Prepared & Analyzed: 10/11/06</i>										
Nitrate + Nitrite	100		1.00 mg/kg dry wt. wet	100		100	90-110	1.98	25	
Matrix Spike (B6J0270-MS1) Source: 6100120-01 <i>Prepared & Analyzed: 10/11/06</i>										
Nitrate + Nitrite	346		3.75 mg/kg dry wt. dry	375	4.47	91.1	90-110			

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Project: Monthly Biosolids Analysis
 Project Number: 9/1-9/30/06
 Project Manager: Chuck Lockhart

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 10/25/06 19:32

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6J0270 - Default Prep GenChem										
Matrix Spike Dup (B6J0270-MSD1) Source: 6100120-01 Prepared & Analyzed: 10/11/06										
Nitrate + Nitrite	348	3.75mg/kg dry wt.	dry	375	4.47	91.6	90-110	0.547	25	
Batch B6J0271 - NO PREP										
Blank (B6J0271-BLK1) Prepared & Analyzed: 10/10/06										
Nitrite as N	<0.1	0.1mg/kg dry wt.	wet							
LCS (B6J0271-BS1) Prepared & Analyzed: 10/10/06										
Nitrite as N	0.8	0.1mg/kg dry wt.	wet	0.987		81.1	80-120			
LCS Dup (B6J0271-BSD1) Prepared & Analyzed: 10/10/06										
Nitrite as N	0.8	0.1mg/kg dry wt.	wet	0.987		81.1	80-120	0.00	25	
Batch B6J0337 - Default Prep GenChem										
Blank (B6J0337-BLK1) Prepared & Analyzed: 10/11/06										
Total Phosphorous	<0.05	0.05mg/kg dry wt.	wet							
LCS (B6J0337-BS1) Prepared & Analyzed: 10/11/06										
Total Phosphorous	0.97	0.50mg/kg dry wt.	wet	1.00		97.0	80-120			
LCS Dup (B6J0337-BSD1) Prepared & Analyzed: 10/11/06										
Total Phosphorous	0.96	0.50mg/kg dry wt.	wet	1.00		96.0	80-120	1.04	25	
Matrix Spike (B6J0337-MS1) Source: 6100120-01 Prepared & Analyzed: 10/11/06										
Total Phosphorous	118	1.87mg/kg dry wt.	dry	2.49	93.9	968	80-120			M4

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
Project Number: 9/1-9/30/06
Project Manager: Chuck Lockhart

Reported:
10/25/06 19:32

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6J0337 - Default Prep GenChem										
Matrix Spike Dup (B6J0337-MSD1) Source: 6100120-01 <i>Prepared & Analyzed: 10/11/06</i>										
Total Phosphorous	118		1.87 mg/kg dry wt. dry	2.49	93.9	968	80-120	0.00	25	M4

Notes and Definitions

- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



17631 North 25th Avenue • Phoenix, AZ 85023
P (602) 324-6100 • F (602) 324-6101
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07 December 2006

Chuck Lockhart
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 6110094

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 11/01/06 13:30.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convey St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 10/31/06
Project Manager: Chuck Lockhart

Reported:
12/07/06 09:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBC-DEWCN	6110094-01	Solid (Dry Weight)	Composite	10/31/06 10:00	11/01/06 13:30

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 10/31/06
 Project Manager: Chuck Lockhart

Reported:
 12/07/06 09:53

MBC-DEWCN (6110094-01) Solid (Dry Weight) (Composite) Sampled: 10/31/06 10:00 Received: 11/01/06 13:30

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<62.5	62.5mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Cadmium	3.42	1.56mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Chromium	30.5	3.12mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Copper	400	3.12mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Lead	<31.2	31.2mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Mercury	0.38	0.17 mg/kg		1	B6K0271	11/10/06 14:28	11/10/06 14:34	EPA 7471A	
Molybdenum	<12.5	12.5mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/20/06 15:01	EPA 6010B	
Nickel	21.1	6.25mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Selenium	<62.5	62.5mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Zinc	592	7.81mg/kg	dry wt.	10	B6K0276	11/10/06 16:28	11/14/06 19:45	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	<0.30	0.30mg/kg	dry	1	[CALC]	11/08/06 12:08	11/10/06 14:04	Calculation	
Organic Nitrogen	35600	60.6mg/kg	dry	20	[CALC]	11/08/06 12:08	11/03/06 10:52	Calculation	
Total Nitrogen	39500	60.6mg/kg	dry	20	[CALC]	11/08/06 12:08	11/08/06 12:28	Calculation	
Ammonia as N	3870	15.2mg/kg	dry wt. dry	5	B6K0103	11/03/06 09:38	11/03/06 10:52	EPA 350.1	M1
Nitrate + Nitrite	0.58	0.30mg/kg	dry wt. dry	1	B6K0203	11/08/06 12:08	11/08/06 12:28	SM 4500 NO3 F	
Nitrite as N	1.0	0.3mg/kg	dry wt. dry	1	B6K0269	11/10/06 14:01	11/10/06 14:04	SM 4500 NO2 B M2	
Total Kjeldahl Nitrogen	39500	60.6mg/kg	dry wt. dry	20	B6K0107	11/03/06 06:36	11/03/06 06:36	EPA 351.2	M4
% Solids	33	1	%	1	B6K0177	11/03/06 16:30	11/03/06 16:30	Solids	
Total Phosphorous	397	37.9mg/kg	dry wt. dry	25	B6K0068	11/02/06 15:40	11/02/06 15:44	EPA 365.2	M4
Total Fixed Solids	45	1	%	1	B6K0176	11/03/06 16:30	11/03/06 16:30	SM 2540 G	
% Solids	33	1	%	1	B6K0176	11/03/06 16:30	11/03/06 16:30	SM 2540 G	
Total Volatile Solids [TVS]	55	1	%	1	B6K0176	11/03/06 16:30	11/03/06 16:30	SM 2540 G	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 10/31/06
 Project Manager: Chuck Lockhart

Reported:
 12/07/06 09:53

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6K0271 - EPA 7471A Prep										
Blank (B6K0271-BLK1) Prepared & Analyzed: 11/10/06										
Mercury	<0.17	0.17	mg/kg							
LCS (B6K0271-BS1) Prepared & Analyzed: 11/10/06										
Mercury	0.69	0.17	mg/kg	0.667		103	85-115			
Matrix Spike (B6K0271-MS1) Prepared & Analyzed: 11/10/06 M2										
Mercury	0.71	0.17	mg/kg	0.667	0.38	49.5	70-130			R2
Matrix Spike Dup (B6K0271-MSD1) Prepared & Analyzed: 11/10/06 M2										
Mercury	0.94	0.17	mg/kg	0.667	0.38	84.0	70-130	27.9	20	R2

Batch B6K0276 - EPA 3050B

Blank (B6K0276-BLK1) Prepared: 11/10/06 Analyzed: 11/14/06										
Lead	<2.00	2.00	mg/kg dry wt.							
Molybdenum	<0.80	0.80	mg/kg dry wt.							
Nickel	<0.400	0.400	mg/kg dry wt.							
Arsenic	<4.00	4.00	mg/kg dry wt.							
Cadmium	<0.100	0.100	mg/kg dry wt.							
Chromium	<0.200	0.200	mg/kg dry wt.							
Selenium	<4.00	4.00	mg/kg dry wt.							
Zinc	<0.500	0.500	mg/kg dry wt.							
Copper	<0.200	0.200	mg/kg dry wt.							
LCS (B6K0276-BS1) Prepared: 11/10/06 Analyzed: 11/14/06										
Cadmium	6.85	0.100	mg/kg dry wt.	8.00		85.6	85-115			
Lead	22.2	2.00	mg/kg dry wt.	20.0		111	85-115			
Molybdenum	3.67	0.80	mg/kg dry wt.	4.00		91.8	85-115			
Copper	19.2	0.200	mg/kg dry wt.	20.0		96.0	85-115			
Chromium	8.71	0.200	mg/kg dry wt.	10.0		87.1	85-115			
Zinc	17.2	0.500	mg/kg dry wt.	20.0		86.0	85-115			
Selenium	17.2	4.00	mg/kg dry wt.	20.0		86.0	85-115			
Nickel	18.0	0.400	mg/kg dry wt.	20.0		90.0	85-115			
Arsenic	36.9	4.00	mg/kg dry wt.	40.0		92.2	85-115			

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 10/31/06
 Project Manager: Chuck Lockhart

Reported:
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Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6K0276 - EPA 3050B										
Matrix Spike (B6K0276-MS1) Source: 6110100-01 <i>Prepared: 11/10/06 Analyzed: 11/20/06</i>										
Molybdenum	54.7	9.52 mg/kg dry wt.		47.6	10.3	93.3	75-125			
Nickel	285	4.76 mg/kg dry wt.		238	72.9	89.1	75-125			
Arsenic	457	47.6 mg/kg dry wt.		476	12.6	93.4	75-125			
Zinc	483	5.95 mg/kg dry wt.		238	269	89.9	75-125			
Lead	306	23.8 mg/kg dry wt.		238	46.7	109	75-125			
Copper	466	2.38 mg/kg dry wt.		238	209	108	75-125			
Chromium	195	2.38 mg/kg dry wt.		119	82.8	94.3	75-125			
Cadmium	91.5	1.19 mg/kg dry wt.		95.2	7.11	88.6	75-125			
Selenium	199	47.6 mg/kg dry wt.		238	<47.6	83.6	75-125			
Matrix Spike Dup (B6K0276-MSD1) Source: 6110100-01 <i>Prepared: 11/10/06 Analyzed: 11/20/06</i>										
Molybdenum	56.2	9.52 mg/kg dry wt.		47.6	10.3	96.4	75-125	2.71	25	
Lead	320	23.8 mg/kg dry wt.		238	46.7	115	75-125	4.47	25	
Nickel	286	4.76 mg/kg dry wt.		238	72.9	89.5	75-125	0.350	25	
Selenium	215	47.6 mg/kg dry wt.		238	<47.6	90.3	75-125	7.73	25	
Cadmium	91.7	1.19 mg/kg dry wt.		95.2	7.11	88.9	75-125	0.218	25	
Chromium	195	2.38 mg/kg dry wt.		119	82.8	94.3	75-125	0.00	25	
Copper	467	2.38 mg/kg dry wt.		238	209	108	75-125	0.214	25	
Zinc	484	5.95 mg/kg dry wt.		238	269	90.3	75-125	0.207	25	
Arsenic	467	47.6 mg/kg dry wt.		476	12.6	95.5	75-125	2.16	25	

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 10/31/06
 Project Manager: Chuck Lockhart

Reported:
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6K0068 - Default Prep GenChem

Blank (B6K0068-BLK1)

Prepared & Analyzed: 11/02/06

Total Phosphorous	<0.05	0.05mg/kg dry wt.	wet							
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LCS (B6K0068-BS1)

Prepared & Analyzed: 11/02/06

Total Phosphorous	0.09	0.05mg/kg dry wt.	wet	0.100		90.0	80-120			
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LCS Dup (B6K0068-BSD1)

Prepared & Analyzed: 11/02/06

Total Phosphorous	0.08	0.05mg/kg dry wt.	wet	0.100		80.0	80-120	11.8	25	
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Matrix Spike (B6K0068-MS1)

Source: 6110094-01 *Prepared & Analyzed: 11/02/06*

Total Phosphorous	6.80	0.15mg/kg dry wt.	dry	0.303	397	NR	80-120			M4
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Matrix Spike Dup (B6K0068-MSD1)

Source: 6110094-01 *Prepared & Analyzed: 11/02/06*

Total Phosphorous	6.77	0.15mg/kg dry wt.	dry	0.303	397	NR	80-120	0.00	25	M4
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Batch B6K0103 - Default Prep GenChem

Blank (B6K0103-BLK1)

Prepared & Analyzed: 11/03/06

Ammonia as N	<1.00	1.00mg/kg dry wt.	wet							
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LCS (B6K0103-BS1)

Prepared & Analyzed: 11/03/06

Ammonia as N	99.8	1.00mg/kg dry wt.	wet	100		99.8	90-110			
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LCS Dup (B6K0103-BSD1)

Prepared & Analyzed: 11/03/06

Ammonia as N	99.0	1.00mg/kg dry wt.	wet	100		99.0	90-110	0.805	25	
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Matrix Spike (B6K0103-MS1)

Source: 6110094-01 *Prepared & Analyzed: 11/03/06*

Ammonia as N	5660	15.2mg/kg dry wt.	dry	303	3870	591	90-110			M1
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6K0103 - Default Prep GenChem										
Matrix Spike Dup (B6K0103-MSD1) Source: 6110094-01 Prepared & Analyzed: 11/03/06										
Ammonia as N	5540	15.2 mg/kg dry wt.	dry	303	3870	551	90-110	7.01	25	M1
Batch B6K0107 - Default Prep GenChem										
Blank (B6K0107-BLK1) Prepared & Analyzed: 11/03/06										
Total Kjeldahl Nitrogen	<1.00	1.00 mg/kg dry wt.	wet							
LCS (B6K0107-BS1) Prepared & Analyzed: 11/03/06										
Total Kjeldahl Nitrogen	128	1.00 mg/kg dry wt.	wet	125		102	90-110			
LCS Dup (B6K0107-BSD1) Prepared & Analyzed: 11/03/06										
Total Kjeldahl Nitrogen	128	1.00 mg/kg dry wt.	wet	125		102	90-110	0.00	25	
Matrix Spike (B6K0107-MS1) Source: 6110094-01 Prepared & Analyzed: 11/03/06										
Total Kjeldahl Nitrogen	48400	3.03 mg/kg dry wt.	dry	379	39500	NR	90-110			M4
Matrix Spike Dup (B6K0107-MSD1) Source: 6110094-01 Prepared & Analyzed: 11/03/06										
Total Kjeldahl Nitrogen	47100	3.03 mg/kg dry wt.	dry	379	39500	NR	90-110	15.6	25	M4
Batch B6K0176 - NO PREP										
Blank (B6K0176-BLK1) Prepared & Analyzed: 11/03/06										
Total Volatile Solids	<1	1	%							
% Solids	<1	1	%							
Total Fixed Solids	<1	1	%							

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 10/31/06
 Project Manager: Chuck Lockhart

Reported:
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6K0176 - NO PREP

Duplicate (B6K0176-DUP1)		Source: 6110094-01		<i>Prepared & Analyzed: 11/03/06</i>						
Total Volatile Solids	55	1	%	55				0.00	5	
% Solids	33	1	%	33				0.00	5	
Total Fixed Solids	45	1	%	45				0.00	5	

Batch B6K0177 - NO PREP

Blank (B6K0177-BLK1)		<i>Prepared & Analyzed: 11/03/06</i>								
% Solids	<1	1	%							
Duplicate (B6K0177-DUP1)		Source: 6110094-01		<i>Prepared & Analyzed: 11/03/06</i>						
% Solids	33	1	%	33				0.00	5	

Batch B6K0203 - Default Prep GenChem

LCS (B6K0203-BS1)		<i>Prepared & Analyzed: 11/08/06</i>								
Nitrate + Nitrite	10.2	0.10mg/kg dry wt.		10.0			102	90-110		
		wet								

LCS Dup (B6K0203-BSD1)		<i>Prepared & Analyzed: 11/08/06</i>								
Nitrate + Nitrite	10.0	0.10mg/kg dry wt.		10.0			100	90-110	1.98	25
		wet								

Matrix Spike (B6K0203-MS1)		Source: 6110094-01		<i>Prepared & Analyzed: 11/08/06</i>						
Nitrate + Nitrite	33.3	0.30mg/kg dry wt.		30.3	0.58		108	90-110		
		dry								

Matrix Spike Dup (B6K0203-MSD1)		Source: 6110094-01		<i>Prepared & Analyzed: 11/08/06</i>						
Nitrate + Nitrite	31.7	0.30mg/kg dry wt.		30.3	0.58		103	90-110	4.74	25
		dry								

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 10/31/06
 Project Manager: Chuck Lockhart

Reported:
 12/07/06 09:53

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6K0269 - NO PREP										
Blank (B6K0269-BLK1) Prepared & Analyzed: 11/10/06										
Nitrite as N	<0.1	0.1 mg/kg dry wt.	wet							
CS (B6K0269-BS1) Prepared & Analyzed: 11/10/06										
Nitrite as N	0.9	0.1 mg/kg dry wt.	wet	1.00		90.0	80-120			
CS Dup (B6K0269-BSD1) Prepared & Analyzed: 11/10/06										
Nitrite as N	0.9	0.1 mg/kg dry wt.	wet	1.00		90.0	80-120	0.00	25	
Matrix Spike (B6K0269-MS1) Source: 6110094-01 Prepared & Analyzed: 11/10/06										
Nitrite as N	2.3	0.3 mg/kg dry wt.	dry	3.03	1.0	42.9	80-120			M2
Matrix Spike Dup (B6K0269-MSD1) Source: 6110094-01 Prepared & Analyzed: 11/10/06										
Nitrite as N	2.3	0.3 mg/kg dry wt.	dry	3.03	1.0	42.9	80-120	0.00	25	M2

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Project: Monthly Biosolids Analysis
Project Number: 12/1/06
Project Manager: Barry Ayers

Reported:
12/28/06 21:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDWCN DEWATERED SLUDGE CAKE	6120179-01	Solid	Composite	11/30/06 23:59	12/05/06 13:45

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 12/1/06
 Project Manager: Barry Ayers

Reported:
 12/28/06 21:22

MBCDWCN DEWATERED SLUDGE CAKE (6120179-01) Solid (Composite) Sampled: 11/30/06 23:59 Received:
 12/05/06 13:45

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<60.0	60.0mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/13/06 15:43	EPA 6010B	
Cadmium	1.96	1.00mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/13/06 15:43	EPA 6010B	
Chromium	52.3	15.0mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/13/06 15:43	EPA 6010B	
Copper	415	2.00mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/13/06 15:43	EPA 6010B	
Lead	<20.0	20.0mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/15/06 16:31	EPA 6010B	
Mercury	0.38	0.16 mg/kg		1	B6L0216	12/08/06 12:11	12/08/06 12:14	EPA 7471A	
Molybdenum	12.4	8.00mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/15/06 16:31	EPA 6010B	
Nickel	56.3	4.00mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/13/06 15:43	EPA 6010B	
Selenium	<40.0	40.0mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/15/06 16:31	EPA 6010B	
Zinc	616	4.00mg/kg dry wt.		10	B6L0279	12/08/06 16:36	12/13/06 15:43	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	1.08	0.10 mg/kg		1	[CALC]	12/12/06 07:11	12/13/06 17:30	Calculation	
Organic Nitrogen	9910	25.0 mg/kg		25	[CALC]	12/12/06 07:11	12/12/06 07:11	Calculation	
Total Nitrogen	11700	25.0 mg/kg		25	[CALC]	12/12/06 07:11	12/12/06 07:11	Calculation	
Ammonia as N	1790	10.0mg/kg dry wt.		1	B6L0180	12/07/06 15:06	12/07/06 15:06	EPA 350.1	M1
Nitrate + Nitrite	1.88	0.10mg/kg dry wt.		1	B6L0222	12/08/06 14:35	12/08/06 14:35	SM 4500 NO3 F	
Nitrite as N	0.8	0.1mg/kg dry wt.		1	B6L0371	12/13/06 17:30	12/13/06 17:30	SM 4500 NO2 B X	
Total Kjeldahl Nitrogen	11700	25.0mg/kg dry wt.		25	B6L0285	12/12/06 07:11	12/12/06 07:11	EPA 351.2	M4
Total Phosphorous	2.52	0.05mg/kg dry wt.		1	B6L0182	12/07/06 06:00	12/07/06 06:00	EPA 365.2	M2
Total Fixed Solids	52	1 %		1	B6L0236	12/06/06 17:10	12/06/06 17:10	SM 2540 G	
Total Solids	27	1 %		1	B6L0236	12/06/06 17:10	12/06/06 17:10	SM 2540 G	
Total Volatile Solids [TVS]	48	1 %		1	B6L0236	12/06/06 17:10	12/06/06 17:10	SM 2540 G	

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6L0216 - EPA 7471A Prep

Blank (B6L0216-BLK1)										
<i>Prepared & Analyzed: 12/08/06</i>										
Mercury	<0.17	0.17	mg/kg							
LCS (B6L0216-BS1)										
<i>Prepared & Analyzed: 12/08/06</i>										
Mercury	0.66	0.17	mg/kg	0.667		99.0	85-115			
Matrix Spike (B6L0216-MS1)										
Source: 6111634-01 <i>Prepared & Analyzed: 12/08/06</i>										
Mercury	0.54	0.15	mg/kg	0.588	<0.15	91.8	70-130			
Matrix Spike Dup (B6L0216-MSD1)										
Source: 6111634-01 <i>Prepared & Analyzed: 12/08/06</i>										
Mercury	0.54	0.15	mg/kg	0.588	<0.15	91.8	70-130	0.00	20	

Batch B6L0279 - EPA 3050B

Blank (B6L0279-BLK1)										
<i>Prepared: 12/08/06 Analyzed: 12/13/06</i>										
Copper	<0.200	0.200mg/kg dry wt.								
Zinc	<0.400	0.400mg/kg dry wt.								
Selenium	<4.00	4.00mg/kg dry wt.								
Nickel	<0.400	0.400mg/kg dry wt.								
Lead	<2.00	2.00mg/kg dry wt.								
Chromium	<1.50	1.50mg/kg dry wt.								
Cadmium	<0.100	0.100mg/kg dry wt.								
Arsenic	<6.00	6.00mg/kg dry wt.								
Molybdenum	<0.80	0.80mg/kg dry wt.								
LCS (B6L0279-BS1)										
<i>Prepared: 12/08/06 Analyzed: 12/13/06</i>										
Nickel	20.0	0.400mg/kg dry wt.	20.0			100	85-115			
Chromium	10.7	1.50mg/kg dry wt.	10.0			107	85-115			
Cadmium	7.92	0.100mg/kg dry wt.	8.00			99.0	85-115			
Selenium	20.2	4.00mg/kg dry wt.	20.0			101	85-115			
Zinc	19.7	0.400mg/kg dry wt.	20.0			98.5	85-115			
Arsenic	45.4	6.00mg/kg dry wt.	40.0			114	85-115			
Copper	20.9	0.200mg/kg dry wt.	20.0			104	85-115			
Molybdenum	4.45	0.80mg/kg dry wt.	4.00			111	85-115			
Lead	20.4	2.00mg/kg dry wt.	20.0			102	85-115			

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Project: Monthly Biosolids Analysis
 Project Number: 12/1/06
 Project Manager: Barry Ayers

Reported:
 12/28/06 21:22

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6L0279 - EPA 3050B										
Matrix Spike (B6L0279-MS1) Source: 6111634-01 <i>Prepared: 12/08/06 Analyzed: 12/15/06</i>										
Copper	2240	2.00 mg/kg dry wt.		200	2090	75.0	75-125			
Chromium	128	15.0 mg/kg dry wt.		100	22.3	106	75-125			
Arsenic	480	60.0 mg/kg dry wt.		400	26.1	113	75-125			
Molybdenum	132	8.00 mg/kg dry wt.		40.0	90.6	104	75-125			
Nickel	214	4.00 mg/kg dry wt.		200	10.9	102	75-125			
Cadmium	84.6	1.00 mg/kg dry wt.		80.0	1.70	104	75-125			
Zinc	449	4.00 mg/kg dry wt.		200	249	100	75-125			
Lead	919	20.0 mg/kg dry wt.		200	743	88.0	75-125			
Selenium	182	40.0 mg/kg dry wt.		200	<40.0	91.0	75-125			
Matrix Spike Dup (B6L0279-MSD1) Source: 6111634-01 <i>Prepared: 12/08/06 Analyzed: 12/15/06</i>										
Copper	2250	2.00 mg/kg dry wt.		200	2090	80.0	75-125	0.445	25	
Arsenic	485	60.0 mg/kg dry wt.		400	26.1	115	75-125	1.04	25	
Cadmium	84.4	1.00 mg/kg dry wt.		80.0	1.70	103	75-125	0.237	25	
Chromium	126	15.0 mg/kg dry wt.		100	22.3	104	75-125	1.57	25	
Zinc	447	4.00 mg/kg dry wt.		200	249	99.0	75-125	0.446	25	
Lead	916	20.0 mg/kg dry wt.		200	743	86.5	75-125	0.327	25	
Molybdenum	132	8.00 mg/kg dry wt.		40.0	90.6	104	75-125	0.00	25	
Nickel	214	4.00 mg/kg dry wt.		200	10.9	102	75-125	0.00	25	
Selenium	182	40.0 mg/kg dry wt.		200	<40.0	91.0	75-125	0.00	25	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 12/1/06
 Project Manager: Barry Ayers

Reported:
 12/28/06 21:22

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6L0180 - NO PREP										
Blank (B6L0180-BLK1) <i>Prepared & Analyzed: 12/07/06</i>										
Ammonia as N	<1.00	1.00mg/kg dry wt.								
LCS (B6L0180-BS1) <i>Prepared & Analyzed: 12/07/06</i>										
Ammonia as N	106	1.00mg/kg dry wt.		100		106	90-110			
LCS Dup (B6L0180-BSD1) <i>Prepared & Analyzed: 12/07/06</i>										
Ammonia as N	106	1.00mg/kg dry wt.		100		106	90-110	0.00	25	
Matrix Spike (B6L0180-MS1) Source: 6120179-01 <i>Prepared & Analyzed: 12/07/06</i>										
Ammonia as N	28.6		mg/L	10.0	17.9	107	90-110			
Matrix Spike Dup (B6L0180-MSD1) Source: 6120179-01 <i>Prepared & Analyzed: 12/07/06</i>										
Ammonia as N	29.0		mg/L	10.0	17.9	111	90-110	3.67	25	M1
Batch B6L0182 - Default Prep GenChem										
Blank (B6L0182-BLK1) <i>Prepared & Analyzed: 12/07/06</i>										
Total Phosphorous	<0.05	0.05mg/kg dry wt.								
LCS (B6L0182-BS1) <i>Prepared & Analyzed: 12/07/06</i>										
Total Phosphorous	0.89	0.05mg/kg dry wt.		1.00		89.0	80-120			
LCS Dup (B6L0182-BSD1) <i>Prepared & Analyzed: 12/07/06</i>										
Total Phosphorous	0.87	0.05mg/kg dry wt.		1.00		87.0	80-120	2.27	25	
Matrix Spike (B6L0182-MS1) Source: 6120179-01 <i>Prepared & Analyzed: 12/07/06</i>										
Total Phosphorous	1.81	0.05mg/kg dry wt.		1.00	2.52	NR	80-120			M2

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 12/1/06
 Project Manager: Barry Ayers

Reported:
 12/28/06 21:22

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6L0182 - Default Prep GenChem										
Matrix Spike Dup (B6L0182-MSD1) Source: 6120179-01 Prepared & Analyzed: 12/07/06										
Total Phosphorous	1.80	0.05mg/kg dry wt.		1.00	2.52	NR	80-120	1.40	25	M2
Batch B6L0222 - Default Prep GenChem										
Blank (B6L0222-BLK1) Prepared & Analyzed: 12/08/06										
Nitrate + Nitrite	<0.10	0.10mg/kg dry wt.								
LCS (B6L0222-BS1) Prepared & Analyzed: 12/08/06										
Nitrate + Nitrite	102	0.10mg/kg dry wt.		100		102	90-110			
LCS Dup (B6L0222-BSD1) Prepared & Analyzed: 12/08/06										
Nitrate + Nitrite	104	0.10mg/kg dry wt.		100		104	90-110	1.94	25	
Matrix Spike (B6L0222-MS1) Source: 6120179-01 Prepared & Analyzed: 12/08/06										
Nitrate + Nitrite	98.5	0.10mg/kg dry wt.		100	1.88	96.6	90-110			
Matrix Spike Dup (B6L0222-MSD1) Source: 6120179-01 Prepared & Analyzed: 12/08/06										
Nitrate + Nitrite	97.6	0.10mg/kg dry wt.		100	1.88	95.7	90-110	0.936	25	
Batch B6L0236 - NO PREP										
Blank (B6L0236-BLK1) Prepared & Analyzed: 12/06/06										
Total Volatile Solids	<1	1	%							
Total Fixed Solids	<1	1	%							
% Solids	<1	1	%							

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Project: Monthly Biosolids Analysis
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Reported:
 12/28/06 21:22

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B6L0236 - NO PREP

Duplicate (B6L0236-DUP1)		Source: 6120179-01			<i>Prepared & Analyzed: 12/06/06</i>					
Total Volatile Solids	47	1	%	48				2.11	5	
Total Fixed Solids	53	1	%	52				1.90	5	
% Solids	28	1	%	27				3.64	5	

Batch B6L0285 - Default Prep GenChem

Blank (B6L0285-BLK1)		<i>Prepared & Analyzed: 12/12/06</i>								
Total Kjeldahl Nitrogen	<1.00	1.00mg/kg dry wt.								

LCS (B6L0285-BS1)		<i>Prepared & Analyzed: 12/12/06</i>								
Total Kjeldahl Nitrogen	124	1.00mg/kg dry wt.	125	99.2	90-110					

LCS Dup (B6L0285-BSD1)		<i>Prepared & Analyzed: 12/12/06</i>								
Total Kjeldahl Nitrogen	124	1.00mg/kg dry wt.	125	99.2	90-110	0.00	25			

Matrix Spike (B6L0285-MS1)		Source: 6120179-01			<i>Prepared & Analyzed: 12/12/06</i>					
Total Kjeldahl Nitrogen	<1.00	1.00mg/kg dry wt.	125	11700	NR	90-110			M4	

Matrix Spike Dup (B6L0285-MSD1)		Source: 6120179-01			<i>Prepared & Analyzed: 12/12/06</i>					
Total Kjeldahl Nitrogen	<1.00	1.00mg/kg dry wt.	125	11700	NR	90-110			25	M4

Batch B6L0371 - Default Prep GenChem

Blank (B6L0371-BLK1)		<i>Prepared & Analyzed: 12/13/06</i>								
Nitrite as N	<0.1	0.1 mg/kg dry wt.								

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
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Reported:
 12/28/06 21:22

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B6L0371 - Default Prep GenChem										
LCS (B6L0371-BS1) <i>Prepared & Analyzed: 12/13/06</i>										
Nitrite as N	0.8	0.1 mg/kg dry wt.		1.00		80.0	80-120			
_CS Dup (B6L0371-BSD1) <i>Prepared & Analyzed: 12/13/06</i>										
Nitrite as N	0.8	0.1 mg/kg dry wt.		1.00		80.0	80-120	0.00	25	
Matrix Spike (B6L0371-MS1) <i>Source: 6120179-01 Prepared & Analyzed: 12/13/06</i>										
Nitrite as N	1.7	0.1 mg/kg dry wt.		1.00	0.8	90.0	80-120			X
Matrix Spike Dup (B6L0371-MSD1) <i>Source: 6120179-01 Prepared & Analyzed: 12/13/06</i>										
Nitrite as N	1.7	0.1 mg/kg dry wt.		1.00	0.8	90.0	80-120	0.00	25	X

Notes and Definitions

- X Calculated MS recovery inaccurate due to database limitations, the actual recovery was unacceptable.
- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample recovery was acceptable.
- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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26 January 2007

Barry Ayers
City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

RE: Monthly Biosolids Analysis

Legend ID: 7010203

Legend Technical Services of Arizona, Inc. is pleased to provide the enclosed analytical results for the aforementioned project. This cover letter and the accompanying pages represent the full report for these analyses and should only be reproduced in full. Samples for this project were received by the laboratory on 01/03/07 14:30.

The samples were processed in accordance with the Chain of Custody document and the results presented relate only to the samples tested. The Chain of Custody is considered part of this report.

All samples will be retained by LEGEND for 30 days from the date of this report and then discarded unless other arrangements are made.

This entire report was reviewed and approved for release by the undersigned. If you have any questions concerning this report, please feel free to contact me.

Sincerely,
LEGEND TECHNICAL SERVICES OF ARIZONA, INC.

A handwritten signature in black ink that reads "Lisa Sutherland". The signature is written in a cursive, flowing style.

Lisa Sutherland
Client Services Representative

This laboratory report is confidential and is intended for the sole use of LEGEND and it's client.

City of San Diego, Metro Biosolids Center
5240 Convoy St.
San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
Project Number: 12/31/07
Project Manager: Barry Ayers

Reported:
01/26/07 12:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
MBCDWCN BIOSOLIDSE CAKE	7010203-01	Solid (Dry Weight)	Composite	12/31/06 10:00	01/03/07 14:30

Case Narrative:

Holding Times: All holding times were met unless otherwise qualified.
QA/QC Criteria: All analyses met method requirements unless otherwise qualified.
Comments: There were no problems encountered during the processing of the samples, unless otherwise noted.

City of San Diego, Metro Biosolids Center
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Project: Monthly Biosolids Analysis
 Project Number: 12/31/07
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Reported:
 01/26/07 12:43

MBCDWCN BIOSOLIDSE CAKE (7010203-01) Solid (Dry Weight) (Composite) Sampled: 12/31/06 10:00 Received: 01/03/07 14:30

Analyte	Result	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Metals									
Arsenic	<47.6	47.6mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/19/07 11:45	EPA 6010B	
Cadmium	2.45	1.19mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Chromium	56.3	1.19mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Copper	499	2.38mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Lead	<23.8	23.8mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Mercury	<0.59	0.59 mg/kg		1	B7A0150	01/05/07 16:00	01/05/07 16:06	EPA 7471A	
Molybdenum	13.4	9.52mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Nickel	44.2	4.76mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Selenium	<47.6	47.6mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Zinc	748	4.76mg/kg dry wt.		10	B7A0422	01/15/07 15:18	01/17/07 15:32	EPA 6010B	
Inorganic Chemistry									
Nitrate as N	<3.50	3.50mg/kg dry		1	[CALC]	01/12/07 16:27	01/12/07 16:27	Calculation	
Organic Nitrogen	34000	86.8mg/kg dry		25	[CALC]	01/12/07 16:27	01/12/07 11:36	Calculation	
Total Nitrogen	39900	86.8mg/kg dry		25	[CALC]	01/12/07 16:27	01/12/07 16:27	Calculation	
Ammonia as N	5900	17.4mg/kg dry wt. dry		5	B7A0331	01/12/07 11:36	01/12/07 11:36	EPA 350.1	
Nitrate + Nitrite	<3.47	3.47mg/kg dry wt. dry		1	B7A0338	01/12/07 16:27	01/12/07 16:27	SM 4500 NO3 F	
Nitrite as N	<3.5	3.5mg/kg dry wt. dry		1	B7A0343	01/12/07 15:45	01/12/07 15:45	SM 4500 NO2 B	
Total Kjeldahl Nitrogen	39900	86.8mg/kg dry wt. dry		25	B7A0211	01/09/07 09:08	01/09/07 09:08	EPA 351.2	M4
% Solids	29	1 %		1	B7A0231	01/05/07 09:55	01/05/07 09:55	Solids	
Total Phosphorous	68.1	4.34mg/kg dry wt. dry		25	B7A0341	01/12/07 16:34	01/12/07 16:34	EPA 365.2	M4
Total Fixed Solids	48	1 %		1	B7A0228	01/05/07 09:45	01/05/07 09:45	SM 2540 G	
% Solids	29	1 %		1	B7A0228	01/05/07 09:45	01/05/07 09:45	SM 2540 G	
Total Volatile Solids [TVS]	52	1 %		1	B7A0228	01/05/07 09:45	01/05/07 09:45	SM 2540 G	

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
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Reported:
 01/26/07 12:43

Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B7A0150 - EPA 7471A Prep

Blank (B7A0150-BLK1)

Prepared & Analyzed: 01/05/07

Mercury <0.17 0.17 mg/kg

LCS (B7A0150-BS1)

Prepared & Analyzed: 01/05/07

Mercury 0.64 0.17 mg/kg 0.667 96.0 85-115

Matrix Spike (B7A0150-MS1)

Source: 7010254-02

Prepared & Analyzed: 01/05/07

Mercury 6.56 1.53 mg/kg 6.01 0.77 96.3 70-130

Matrix Spike Dup (B7A0150-MSD1)

Source: 7010254-02

Prepared & Analyzed: 01/05/07

Mercury 6.53 1.53 mg/kg 6.01 0.77 95.8 70-130 0.458 20

Batch B7A0422 - EPA 3050B

Blank (B7A0422-BLK1)

Prepared: 01/12/07 Analyzed: 01/17/07

Nickel <0.400 0.400 mg/kg dry wt.
 Copper <0.200 0.200 mg/kg dry wt.
 Molybdenum <0.80 0.80 mg/kg dry wt.
 Arsenic <4.00 4.00 mg/kg dry wt.
 Cadmium <0.100 0.100 mg/kg dry wt.
 Chromium <0.100 0.100 mg/kg dry wt.
 Selenium <4.00 4.00 mg/kg dry wt.
 Zinc <0.400 0.400 mg/kg dry wt.
 Lead <2.00 2.00 mg/kg dry wt.

LCS (B7A0422-BS1)

Prepared: 01/12/07 Analyzed: 01/17/07

Cadmium 8.16 0.100 mg/kg dry wt. 8.00 102 85-115
 Arsenic 40.7 4.00 mg/kg dry wt. 40.0 102 85-115
 Selenium 18.9 4.00 mg/kg dry wt. 20.0 94.5 85-115
 Zinc 20.4 0.400 mg/kg dry wt. 20.0 102 85-115
 Molybdenum 4.17 0.80 mg/kg dry wt. 4.00 104 85-115
 Nickel 20.7 0.400 mg/kg dry wt. 20.0 104 85-115
 Lead 20.0 2.00 mg/kg dry wt. 20.0 100 85-115
 Chromium 10.5 0.100 mg/kg dry wt. 10.0 105 85-115
 Copper 21.1 0.200 mg/kg dry wt. 20.0 106 85-115

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Total Metals - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7A0422 - EPA 3050B										
Matrix Spike (B7A0422-MS1) Source: 7010339-01 <i>Prepared: 01/12/07 Analyzed: 01/17/07</i>										
Zinc	547	4.35mg/kg dry wt.		217	337	96.8	75-125			
Cadmium	92.4	1.09mg/kg dry wt.		87.0	7.73	97.3	75-125			
Chromium	<1.09	1.09mg/kg dry wt.		109	1680	NR	75-125			
Copper	1440	2.17mg/kg dry wt.		217	1200	111	75-125			
Lead	640	21.7mg/kg dry wt.		217	436	94.0	75-125			
Selenium	164	43.5mg/kg dry wt.		217	<43.5	75.6	75-125			
Nickel	734	4.35mg/kg dry wt.		217	518	99.5	75-125			
Molybdenum	422	8.70mg/kg dry wt.		43.5	369	122	75-125			
Arsenic	563	43.5mg/kg dry wt.		435	29.1	123	75-125			
Matrix Spike (B7A0422-MS2) Source: 7010339-01 <i>Prepared: 01/12/07 Analyzed: 01/19/07</i>										
Chromium	1.43		mg/L	0.500	0.774	131	75-125			M1
Arsenic	2.48		mg/L	2.00	0.0134	123	75-125			
Matrix Spike Dup (B7A0422-MSD1) Source: 7010339-01 <i>Prepared: 01/12/07 Analyzed: 01/17/07</i>										
Molybdenum	423	8.70mg/kg dry wt.		43.5	369	124	75-125	0.237	25	
Copper	1450	2.17mg/kg dry wt.		217	1200	115	75-125	0.692	25	
Cadmium	92.6	1.09mg/kg dry wt.		87.0	7.73	97.6	75-125	0.216	25	
Chromium	<1.09	1.09mg/kg dry wt.		109	1680	NR	75-125		25	
Selenium	163	43.5mg/kg dry wt.		217	<43.5	75.1	75-125	0.612	25	
Zinc	549	4.35mg/kg dry wt.		217	337	97.7	75-125	0.365	25	
Nickel	735	4.35mg/kg dry wt.		217	518	100	75-125	0.136	25	
Lead	641	21.7mg/kg dry wt.		217	436	94.5	75-125	0.156	25	
Arsenic	551	43.5mg/kg dry wt.		435	29.1	120	75-125	2.15	25	
Matrix Spike Dup (B7A0422-MSD2) Source: 7010339-01 <i>Prepared: 01/12/07 Analyzed: 01/19/07</i>										
Chromium	1.42		mg/L	0.500	0.774	129	75-125	0.702	25	M1
Arsenic	2.48		mg/L	2.00	0.0134	123	75-125	0.00	25	

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Reported:
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Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B7A0211 - Default Prep GenChem

Blank (B7A0211-BLK1)

Prepared & Analyzed: 01/09/07

Total Kjeldahl Nitrogen <1.00 1.00mg/kg dry wt. wet

LCS (B7A0211-BS1)

Prepared & Analyzed: 01/09/07

Total Kjeldahl Nitrogen 130 1.00mg/kg dry wt. wet 125 104 90-110

LCS Dup (B7A0211-BSD1)

Prepared & Analyzed: 01/09/07

Total Kjeldahl Nitrogen 135 1.00mg/kg dry wt. wet 125 108 90-110 3.77 25

Matrix Spike (B7A0211-MS1)

Source: 7010203-01 *Prepared & Analyzed: 01/09/07*

Total Kjeldahl Nitrogen 28000 3.47mg/kg dry wt. dry 434 39900 NR 90-110 M4

Matrix Spike Dup (B7A0211-MSD1)

Source: 7010203-01 *Prepared & Analyzed: 01/09/07*

Total Kjeldahl Nitrogen 27900 3.47mg/kg dry wt. dry 434 39900 NR 90-110 0.727 25 M4

Batch B7A0228 - NO PREP

Blank (B7A0228-BLK1)

Prepared & Analyzed: 01/05/07

Total Fixed Solids <1 1 %
 % Solids <1 1 %
 Total Volatile Solids <1 1 %

Duplicate (B7A0228-DUP1)

Source: 7010203-01 *Prepared & Analyzed: 01/05/07*

Total Volatile Solids 48 1 % 52 8.00 5 N1
 Total Fixed Solids 52 1 % 48 8.00 5 N1
 % Solids 28 1 % 29 3.51 5

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 Project Manager: Barry Ayers

Reported:
 01/26/07 12:43

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7A0231 - NO PREP										
Blank (B7A0231-BLK1) Prepared & Analyzed: 01/05/07										
% Solids	<1	1	%							
Duplicate (B7A0231-DUP1) Source: 7010203-01 Prepared & Analyzed: 01/05/07										
% Solids	28	1	%		29			3.51	25	
Batch B7A0331 - NO PREP										
Blank (B7A0331-BLK1) Prepared & Analyzed: 01/12/07										
Ammonia as N	<1.00	1.00mg/kg dry wt.	wet							
LCS (B7A0331-BS1) Prepared & Analyzed: 01/12/07										
Ammonia as N	103	1.00mg/kg dry wt.	wet	100		103	90-110			
LCS Dup (B7A0331-BSD1) Prepared & Analyzed: 01/12/07										
Ammonia as N	104	1.00mg/kg dry wt.	wet	100		104	90-110	0.966	25	
Matrix Spike (B7A0331-MS1) Source: 7010002-02 Prepared & Analyzed: 01/12/07										
Ammonia as N	114	1.00mg/kg dry wt.	wet	100	7.96	106	90-110			
Matrix Spike Dup (B7A0331-MSD1) Source: 7010002-02 Prepared & Analyzed: 01/12/07										
Ammonia as N	114	1.00mg/kg dry wt.	wet	100	7.96	106	90-110	0.00	25	
Batch B7A0338 - Default Prep GenChem										
Blank (B7A0338-BLK1) Prepared & Analyzed: 01/12/07										
Nitrate + Nitrite	<1.00	1.00mg/kg dry wt.	wet							

City of San Diego, Metro Biosolids Center
 5240 Convoy St.
 San Diego, CA 92111-1227

Project: Monthly Biosolids Analysis
 Project Number: 12/31/07
 Project Manager: Barry Ayers

Reported:
 01/26/07 12:43

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B7A0338 - Default Prep GenChem

LCS (B7A0338-BS1)

Prepared & Analyzed: 01/12/07

Nitrate + Nitrite	10.6	1.00 mg/kg dry wt.	wet	10.0		106	90-110			
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LCS Dup (B7A0338-BSD1)

Prepared & Analyzed: 01/12/07

Nitrate + Nitrite	10.3	1.00 mg/kg dry wt.	wet	10.0		103	90-110	2.87	25	
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Matrix Spike (B7A0338-MS1)

Source: 7010254-02 *Prepared & Analyzed: 01/12/07*

Nitrate + Nitrite	212	9.01 mg/kg dry wt.	dry	180	2.70	116	90-110			M1
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Matrix Spike Dup (B7A0338-MSD1)

Source: 7010254-02 *Prepared & Analyzed: 01/12/07*

Nitrate + Nitrite	208	9.01 mg/kg dry wt.	dry	180	2.70	114	90-110	1.74	25	M1
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Batch B7A0341 - Default Prep GenChem

Blank (B7A0341-BLK1)

Prepared & Analyzed: 01/12/07

Total Phosphorous	<0.05	0.05 mg/kg dry wt.	wet							
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LCS (B7A0341-BS1)

Prepared & Analyzed: 01/12/07

Total Phosphorous	0.10	0.05 mg/kg dry wt.	wet	0.100		100	80-120			
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LCS Dup (B7A0341-BSD1)

Prepared & Analyzed: 01/12/07

Total Phosphorous	0.10	0.05 mg/kg dry wt.	wet	0.100		100	80-120	0.00	25	
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Matrix Spike (B7A0341-MS1)

Source: 7010203-01 *Prepared & Analyzed: 01/12/07*

Total Phosphorous	11.1	0.17 mg/kg dry wt.	dry	0.694	68.1	NR	80-120			M4
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Matrix Spike Dup (B7A0341-MSD1)

Source: 7010203-01 *Prepared & Analyzed: 01/12/07*

Total Phosphorous	11.6	0.17 mg/kg dry wt.	dry	0.694	68.1	NR	80-120	0.856	25	M4
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Project: Monthly Biosolids Analysis
 Project Number: 12/31/07
 Project Manager: Barry Ayers

Reported:
 01/26/07 12:43

Inorganic Chemistry - Quality Control
Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B7A0343 - NO PREP										
Blank (B7A0343-BLK1) Prepared & Analyzed: 01/12/07										
Nitrite as N	<1.0	1.0mg/kg dry wt.	wet							
LCS (B7A0343-BS1) Prepared & Analyzed: 01/12/07										
Nitrite as N	0.8	1.0mg/kg dry wt.	wet	1.00		80.0	80-120			
LCS Dup (B7A0343-BSD1) Prepared & Analyzed: 01/12/07										
Nitrite as N	0.9	1.0mg/kg dry wt.	wet	1.00		90.0	80-120	11.8	25	
Matrix Spike (B7A0343-MS1) Source: 7010254-02 Prepared & Analyzed: 01/12/07										
Nitrite as N	10.9	9.0mg/kg dry wt.	dry	9.01	3.6	81.0	80-120			X
Matrix Spike Dup (B7A0343-MSD1) Source: 7010254-02 Prepared & Analyzed: 01/12/07										
Nitrite as N	11.1	9.0mg/kg dry wt.	dry	9.01	3.6	83.2	80-120	2.68	25	X

Notes and Definitions

- X Calculated MS recovery inaccurate due to database limitations, the actual recovery was unacceptable.
- N1 See case narrative.
- M4 The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- BLK Method Blank
- LCS/Dup Laboratory Control Sample/Laboratory Fortified Blank/Duplicate
- MS/Dup Matrix Spike/Duplicate
- Dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference