GENERAL NOTES

1. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OF RECORD OF SURVEY, AS APPROPRIATE SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.

3. IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A ''PERMIT TO EXCAVATE'' WILL BE VALID.FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.

4. CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM DURING THE PROJECT GRADING AND/OR CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD AND THE CITY OF SAN DIEGO MUNICIPAL CODE AND STORM WATER STANDARDS MANUAL.

5. "PUBLIC IMPROVEMENT SUBJECT TO DESUETUDE OR DAMAGE." IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, THE OWNER SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT- ISSUING AUTHORITY.

6. PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3200.

7. DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED BY THE CITY INSPECTOR. 8. AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY

THE CITY OF SAN DIEGO. 9. THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK, THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY, ISSUANCE OF THE CITY'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, CALIFORNIA DEPARTMENT OF FISH AND GAME. COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.

GROUND WATER DISCHARGE

1. ALL GROUND WATER EXTRACTION AND SIMILAR WASTE DISCHARGES TO SURFACE WATER NOT TRIBUTARY TO THE SAN DIEGO BAY ARE PROHIBITED UNTIL IT CAN BE DEMONSTRATED THAT THE OWNER HAS APPLIED AND OBTAINED AUTHORIZATION FROM THE STATE OF CALIFORNIA VIA AN OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL WATER QUALITY CONTROL BOARD IN ACCORDANCE WITH THE TERMS, PROVISIONS AND CONDITIONS OF SATE ORDER NO R9-2009-0002 NPDES CAG919002.

2. THE ESTIMATED MAXIMUM DISCHARGE RATES MUST NOT EXCEED THE LIMITS SET IN THE OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL BOARD UNLESS PRIOR NOTIFICATION AND SUBSEQUENT AUTHORIZATION HAS BEEN OBTAINED, AND DISCHARGE OPERATIONS MODIFIED TO ACCOMMODATE THE INCREASED RATES.

3. ALL GROUND WATER EXTRACTIONS AND SIMILAR WASTE DISCHARGES TO SURFACE WATERS NOT TRIBUTARY TO THE SAN DIEGO BAY ARE PROHIBITED UNTIL IT CAN BE DEMONSTRATED THAT THE OWNER HAS APPLIED AND OBTAINED AUTHORIZATION FROM THE STATE OF CALIFORNIA VIA OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL WATER QUALITY CONTROL BOARD IN ACCORDANCE WITH THE TERMS, PROVISIONS AND CONDITIONS OF STATE ORDER NO R9-2007-0034 NPDES NO. CAG919001.

SHEET INDEX	
TITLE SHEET	SHEET 1
ALVARADO LOWER CHANNEL	SHEETS 2-3
MAINTENANCE METHODOLOGIES	-SHEET 4
MAINTENANCE BMPs NOTES	- SHEET 5

TOPOGRAPHY SOURCE

CITY OF SAN DIEGO SANGIS 1999 2 FOOT CONTOURS, NAVD29

BENCHMARK

BRASS PLUG AT NORTHEAST CORNER OF MISSION GORGE ROAD AND TWAIN AVENUE

ELEV. 81.431 BASED ON NVGD 29 AS SHOWN IN THE CITY OF SAN DIEGO BENCH BOOK

REFERENCE DRAWINGS

GRADING PLANS FOR EAS MISSION VALLEY INDUSTRIAL CENTERCITY OF SAN DIEGO DWG. NO. 16540-D

CONCRETE LINED CHANNEL PLANS.....FEDERAL PROJECT NO. 1-172(12)

STORM WATER PROTECTION NOTES

1. THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. R920070001; AND RISK LEVEL: CHECK ONE BELOW.

⊠ WPCP	
□ CGP RISK LEVEL 1	□ CGP LUP TYPE 1
□ CGP RISK LEVEL 2	□ CGP LUP TYPE 2
□ CGP RISK LEVEL 3	🗆 CGP LUP TYPE 3
NF.	

2. CHECK ONE:

□ THIS PROJECT WILL EXCEED THE MAXIMUM DISTURBED AREA LIMIT, THEREFORE A WEATHER TRIGGERED ACTION PLAN (WTAP) IS REQUIRED. □ THIS PROJECT WILL FOLLOW PHASED GRADING NOT TO EXCEED FIVE (5) ACRES PER PHASE.

⊠NOT APPLICABLE

3. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE WPCP OR SWPPP AS APPLICABLE.

WATER POLLUTION CONTROL PLAN FOR UPPER ALVERADO CREEK CHANNEL MAINTENANCE PROJECT PREPARED BY: McGRATH CONSULTING PO BOX 2488 EL CAJON, CA. 92021 (619) 250-2025 PREPARED 01/22/2015

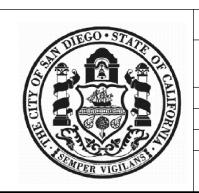
	WARNING	CONSTRUCTION CHANGE TABLE			
	0 1/2 1	APPROVAL NO.	EFFECTED OR ADDED SHEET NUMBERS	DATE	CHANGE
DFVF	IF THIS BAR DOES				
	NOT MEASURE 1"				
	THEN DRAWING IS NOT TO SCALE.				

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OF SAN DIEGO LOPMENT SERVICES DEPARTMENT

OF MY RESPONSIBILITIES FOR PROJECT DÉSIGN.

CARSON P. EDGINGTON



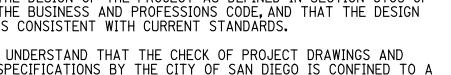
STREET DATA TABLE

SP CLASSIFICATION (MF

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF

THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND



R.C.E. NO. 76519

DATE

SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK,

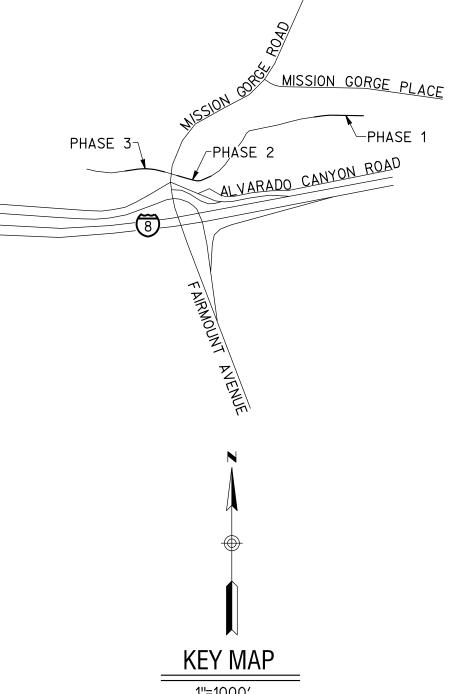


619-291-0707 jeering Compan (FAX) 619-291-4165

5620 FRIARS ROAD SAN DIEGO, CA 92110

STREET NAME

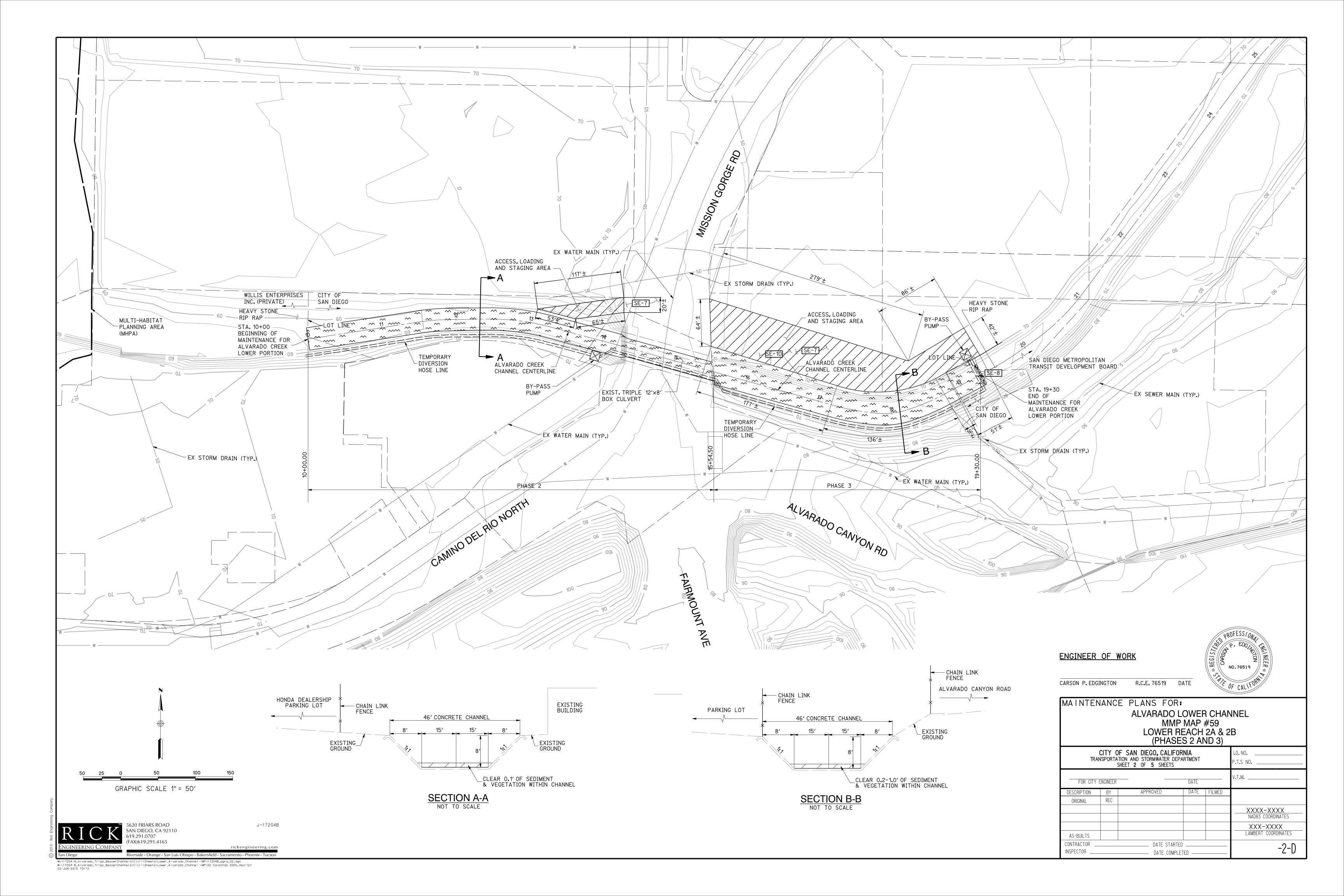
KEY MAP 1"=1000′

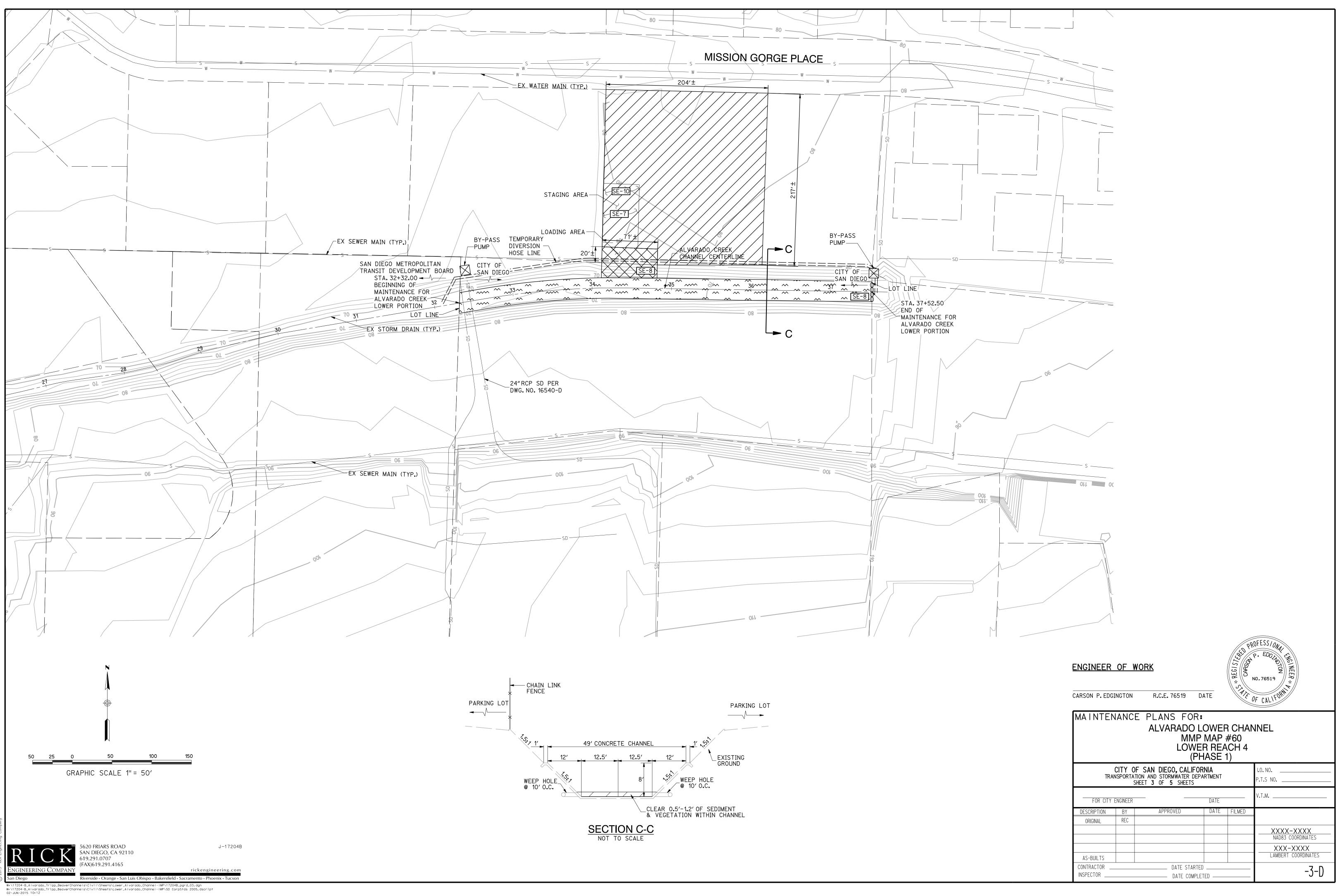


MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL MMP MAP # 59 & 60

WORK TO BE DONE		
THE IMPROVEMENTS CONSIST OF THE	FOLLOWING WORK TO BE DONE A	CORDING TO THESE
PLANS AND THE SPECIFICATIONS AND		
MAINTENANCE OF CONCRETE & EARTH SEDIMENT AND OTHER DEBRIS	HENED CHANNELS TO REMOVE ACC	UMULATED
STANDARD SPECIFICATIONS:		
DOCUMENT NO.	DESCRIPTION STANDARD SPECIFICATIONS FOR	
PITS070112-01	STANDARD SPECIFICATIONS FOR CONSTRUCTION (GREENBOOK), 20	12 EDITION
PITS070112-02	CITY OF SAN DIEGO STANDARD PUBLIC WORKS CONSTRUCTION ()	SPECIFICATIONS FOR WHITEBOOK),2012 EDITION
PITS070112-04	CALIFORNIA DEPARTMENT OF TR OF UNIFORM TRAFFIC CONTROL	
PITS070112-06	CALIFORNIA DEPARTMENT OF TR CUSTOMARY STANDARD SPECIFIC	ANSPORTATION U.S.
STANDARD DRAWINGS DOCUMENT NO.		
PITS070112-03	CITY OF SAN DIEGO STANDARD WORKS CONSTRUCTION, 2012 EDI	
PITS070112-05	CALIFORNIA DEPARTMENT OF TH CUSTOMARY STANDARD PLANS,	ANSPORTION U.S.
CASQA MANUAL	CALIFORNIA STORMWATER QUALI	TY ASSOCIATION,
LEGEND	STORMWATER BEST MANAGEMEN HANDBOOK PORTAL:CONSTRUCTI	
EXISTING IMPROVEMENTS		
ITEM		SYMBOL
EXIST. CONTOURS		· · ·
MULTI-HABITAT PLANNING AREA (MHP EXIST. CURB INLET		
EXIST. STORM DRAIN MAIN		
EXIST. SEWER MAIN		0
CHANNEL MAINTENANCE AREA		
ACCESS & LOADING AREA		
LOADING AREA		
BY-PASS PUMP		
TEMPORARY DIVERSION HOSE LINE		
CONSTRUCTION SITE STOP		
	E PLANS FOR:	
	E PLANS FOR: ALVARADO LOWER CHAI	
MAINTENANC CITY OF	E PLANS FOR: ALVARADO LOWER CHAI MMP MAP #59 & 60 SAN DIEGO, CALIFORNIA	
MAINTENANC CITY OF TRANSPORTA	E PLANS FOR: ALVARADO LOWER CHAI	
MAINTENANC CITY OF TRANSPORTA S	E PLANS FOR: ALVARADO LOWER CHAI MMP MAP #59 & 60 SAN DIEGO, CALIFORNIA TION AND STORMWATER DEPARTMENT HEET 1 OF 5 SHEETS DATE	I.O. NO P.T.S NO V.T.M
MAINTENANC CITY OF TRANSPORTA S	E PLANS FOR: ALVARADO LOWER CHAI MMP MAP #59 & 60 SAN DIEGO, CALIFORNIA TION AND STORMWATER DEPARTMENT SHEET 1 OF 5 SHEETS	I.O. NO P.T.S NO V.T.M
MAINTENANC CITY OF TRANSPORTA S FOR CITY ENGINEER DESCRIPTION BY	E PLANS FOR: ALVARADO LOWER CHAI MMP MAP #59 & 60 SAN DIEGO, CALIFORNIA TION AND STORMWATER DEPARTMENT HEET 1 OF 5 SHEETS DATE	I.O. NO P.T.S NO V.T.M
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MAINTENANC CITY OF TRANSPORTA S FOR CITY ENGINEER DESCRIPTION BY ORIGINAL REC AS-BUILTS	E PLANS FOR: ALVARADO LOWER CHAI MMP MAP #59 & 60 SAN DIEGO, CALIFORNIA TION AND STORMWATER DEPARTMENT HEET 1 OF 5 SHEETS DATE	I.O. NO P.T.S NO V.T.M XXXX-XXXX NAD83 COORDINATES

EED PH)	ADT (VEHICLES)	R/W (FT)

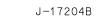




ALVARADO (LOWER) CHANNEL - MMP MAP NO. 60 IMP MAINTENANCE METHODOLOGY TABLE (PHASE 1)

FACILITY/CHANNEL	ALVARADO (LOWER) CHANNEL (LR4) PHASE 1 (4522-4576 MISSION GORGE PLACE)		
DIMENSIONS	ALVARADO (LOWER) CHANNEL (PHASE 1) TRAPAZOIDAL, CONCRETE-LINED APPROX 500' LENGTH APPROX. 49' TOP WIDTH 25' BOTTOM WIDTH 8' IN DEPTH 1/2-1.5' OF SEDIMENT CUBIC YARDS 300-400 MAXIMUM CUBIC YARDS: 600		
MAINTENANCE METHOD	MECHANIZED SEDIMENT & VEGETATION REMOVAL		
EQUIPMENT (EQUIPMENT WILL BE EQUIVALENT OR SMALLER IN SIZE/TYPE)	* GRADALL (5100 SERIES) * FRONT-END LOADER (CAT 966) * DUMP TRUCKS (10/12 YD) * 4"OR 6" TRASH PUMPS (WACKER OR GODWIN - FOR DRY WEATHER FLOW DIVERSION)		
SCHEDULE	IN CHANNEL WORK WILL TAKE 5 DAYS ; 6:00 AM TO 6:00 PM;		
STAFFING	10 TO 14 PEOPLE		
MAINTENANCE PROCEDURE CHANNEL SEQUENCE	1. ALVARADO (LOWER) WILL BE MAINTAINED IN SEQUENTIAL ORDER		
CHANNEL SEQUENCE	PHASE 1, 2, THEN 3		
ACCESS & LOADING AREA(S)	ALVARADO (LOWER) CHANNEL (PHASE 1) ACCESS & LOADING AREA - LOADER DRIVES INTO CHANNEL FROM EXISTING PAVED ASPHALT PARKING LOT REAR OF 4561 MISSION GORGE PLACE. LOADING OCCURS AT REAR OF 4561 MISSION GORGE PLACE.		
STAGING AREA	STAGING OF TRUCKS WILL BE DONE ON MISSION GORGE PLACE. LOADER AND GRADALL WILL BE STAGED BEHIND 4561 MISSION GORGE PLACE. ALL MATERIALS WILL BE HAULED IMMEDIATELY TO A LEGAL DISPOSAL SITE (MIRAMAR LANDIFLL).		
METHODOLOGY	 1.DRY WEATHER FLOW DIVERSION BERM (TIGER DAM, SANDBAGS, AND/OR VISQUEEN), DIVERSION PIPES, & PUMPS WILL BE PLACED AT EASTERN LIMITS AND WESTERN LIMITS OF CHANNEL CLEANING. DIVERSION PIPES WILL BE PLACES ON NORTHERN SIDE OF CHANNEL AND EXTENDED TO A DISCHARGE AREA JUST WEST OF THE WESTERLY MAINTENANCE LIMITS. 2.LOADER IS CHAINED TO GRADALL & LOWERED INTO CHANNEL AT ACCESS & LOADING AREA. 3.LOADER PUSHES VEGETATION & SEDIMENT TO GRADALL STATIONED OUTSIDE/ABOVE CHANNEL ON PAVED, ASPHALT PARKING LOT. 4.GRADALL SCOOPS MATERIAL & LOADS MATERIAL INTO WAITING DUMP TRUCK LOCATED ON PAVED, ASPHALT PARKING LOT. 5.DUMP TRUCKS HAUL MATERIAL TO LEGAL DISPOSAL SITE (MIRAMAR LANDFILL). 6.LOADER IS CHAINED TO GRADALL FOR ASSISTANCE OUT OF CHANNEL. 7.DRY WEATHER DIVERSION BERM, DIVERSION PIPES, & PUMPS REMOVED. 8.LOADER & GRADALL EXIT PAVED, ASPHALT PARKING LOT. 		
POST-MAINTENANCE	1. DEMOBILIZE EQUIPMENT. 2. REMOVE TEMPORARY CONSTRUCTION BMPS.		
OTHER NOTES	 1.SWEEPERS WILL SWEEP ADJACENT PUBLIC RIGHTS-OF-WAY AND IMMEDIATE TRUCK LOADING SITES NIGHTLY. 2.A PUMP MAY BE USED AT VARIOUS LOCATIONS TO REMOVE PONDED WATER PRIOR TO EQUIPMENT ENTERING THE CHANNEL. WATER WILL BE DISCHARGED IN THE VICINITY OF THE DIVERSION DISCHARGE. 3.ALL EQUIPMENT (OTHER THAN PUMPS) FUELED OUTSIDE CHANNEL & LOCATED AT LEAST 150' FROM WATERS OF US/STATE. 		





<u>IMP MAINTENAP</u>	<u>OWER) CHANNEL - MMP MAP NO. 59</u> NCE METHODOLOGY TABLE (PHASE 2)		<u>) (LOWER) CHANNEL - MMP MAP NO. 59</u> NANCE METHODOLOGY TABLE (PHASE 3)
CILITY/CHANNEL	ALVARADO (LOWER) CHANNEL (LR2B)- PHASE 2 (4282 CAMINO DEL RIO NORTH)	FACILITY/CHANNEL	ALVARADO (LOWER) CHANNEL (LR2A) PHASE 3 (5801 FAIRMOUNT AVENUE)
MENSIONS	_ALVARADO (LOWER) CHANNEL (PHASE 2)	DIMENSIONS	
	TRAPAZOIDAL, CONCRETE-LINED & SOIL BOTTOM APPROX. 370' LENGTH		TRAPEZOIDAL, CONCRETE-LINED APPROX. 380' LENGTH
	40-60' TOP WIDTH 18-26' BOTTOM WIDTH		APPROX. 60' TOP WIDTH 30' BOTTOM WIDTH
	9-12' IN DEPTH 3-6' OF SEDIMENT		8-12' IN DEPTH 2-12' OF SEDIMENT
	100-200 CUBIC YARDS MAXIMUM CUBIC YARDS: 400		100-200 CUBIC YARDS MAXIMUM CUBIC YARDS: 300
TENANCE METHOD	MECHANIZED SEDIMENT & VEGETATION REMOVAL	MAINTENANCE METHOD	MECHANIZED SEDIMENT & VEGETATION REMOVAL
PMENT IPMENT WILL BE	* GRADALL (5100 SERIES) * SKID STEER/BOBCAT (S650)	EQUIPMENT	* GRADALL (5100 SERIES)
ALENT OR SMALLER	* DUMP TRUCKS (10/12 YD)	(EQUIPMENT WILL BE EQUIVALENT OR SMALLER	* SKID STEER/BOBCAT (S650) * FRONT-END LOADER (CAT 966)
	* 4"OR 6"TRASH PUMPS (WACKER OR GODWIN - FOR DRY WEATHER FLOW	IN SIZE/TYPE)	* DUMP TRUCKS (10/12 YD) * 4"OR 6"TRASH PUMPS (WACKER OR GODWIN - FOR
	DIVERSION) * RUBBER TRACKED SKIDSTEER		DRY WEATHER FLOW DIVERSION)
	(JOHN DEERE 333E) * EXCAVATOR (JOHN DEERE 50D)		
ULE	IN CHANNEL WORK WILL TAKE 3 DAYS ; 6:00 AM TO 6:00 PM;	SCHEDULE	IN CHANNEL WORK WILL TAKE 3 DAYS ; 6:00 AM TO 6:00 PM;
ING ENANCE PROCEDURE	8 TO 10 PEOPLE	STAFFING MAINTENANCE PROCEDURE	8 TO 10 PEOPLE
EL SEQUENCE	1. ALVARADO (LOWER) WILL BE MAINTAINED IN SEQUENTIAL ORDER PHASE 1, 2, THEN 3	CHANNEL SEQUENCE	1. ALVARADO (LOWER) PHASE 3
5 & LOADING	ALVARADO (LOWER) CHANNEL (PHASE 2)	ACCESS & LOADING	(STATION 10+00 TO 14+25) ALVARADO (LOWER) CHANNEL (PHASE 3)
)	ACCESS & LOADING AREA - BOBCAT & EXCAVATOR DRIVE INTO CHANNEL FROM EXISTING ASPHALT ACCESS RAMP ON NORTH SIDE	AREA(S)	ACCESS & LOADING AREA - (STATION 13+06 TO 14+25) - PRIMARY PLAN, BOBCATS ENTERS
	OF CHANNEL FROM EXISTING ASPHALT ACCESS RAMP ON NORTH SIDE OF CHANNEL - GRADALL LOADS TRUCKS STATIONED ON EXISTING PAVED ACCESS RAMP.		CHANNEL FROM PHASE 2 ACCESS AREA. BOBCATS ARE DRIVEN FROM PHASE 2 AREA EASTERLY TO PHASE 3 AREA THROUGH EXISTING STORM DRAIN BOX CULVERTS LOCATED UNDERNEATH MISSION GORGE ROAD. BOBCATS WORK FROM
IG AREA	STAGING OF EQUIPMENT WILL BE DONE ON PAVED, ASPHALT RAMP.	—	EASTERLY LIMITS OF PHASE 3 AREA AND PUSH SEDIMENT AND VEGETATION WESTERLY TO PHASE 2 ACCESS AND LOADING AREA.
	ALL MATERIALS WILL BE HAULED IMMEDIATELY TO A LEGAL DISPOSAL SITE (MIRAMAR LANDIFLL).		BACKUP PLAN -LOADER IS CHAINED TO GRADALL AND LOWERED INTO CHANNEL FROM EXISTING PARKING LOT AT 5801 FAIRMOUNT AVENUE. GRADALL POSITIONED ABOVE
DOLOGY	1.DRY WEATHER FLOW DIVERSION BERM (TIGER DAM, SANDBAGS, AND/OR VISQUEEN), DIVERSION PIPES, & PUMPS WILL BE PLACED	—	CHANNEL. GRADALL LOADS TRUCKS STATIONED ON EXISTING PARKING LOT AT 5801 FAIRMOUNT AVENUE.
	AT EASTERN LIMITS OF PHASE 3 MAINTENANCE AREA (LR2A).	STAGING AREA	STAGING OF TRUCKS & EQUIPMENT WILL BE DONE ON PAVED.
	DIVERSION PIPES WILL DISCHARGE WEST OF PHASE 2 MAINTENANCE AREA.		ASPHALT PARKING LOT AT 5801 FAIRMOUNT AVENUE. ALL MATERIALS WILL BE HAULED IMMEDIATELY TO A LEGAL DISPOSAL
	2.DRY WEATHER DIVERSION PIPES & PUMPS WILL BE PLACED EASTERN LIMITS OF PHASE 2 MAINTENANCE AREA.DIVERSION PIPES WILL DISCHARGE WEST OF PHASE 2 MAINTENANCE AREA.		SITE (MIRAMAR LANDIFLL).
	JUST PIPES WILL DISCHARGE WEST OF PHASE 2 MAINTENANCE AREA. 3.BOBCAT AND EXCAVATORIS DRIVE INTO AT ACCESS & LOADING AREA. 4.BOBCAT PUSHES VEGETATION & SEDIMENT TO GRADALL	METHODOLOGY	1.DRY WEATHER FLOW DIVERSION BERM (TIGER DAM, SANDBAG, AND/OR VISQUEEN), DIVERSION PIPES, & PUMPS WERE PUT IN
	STATIONED ON ACCESS RAMP. 5.GRADALL SCOOPS MATERIAL & LOADS MATERIAL INTO WAITING		PLACE DURING PHASE 2 CHANNEL MAINTENANCE, THESE ITEMS ARE LOCATED AT THE EASTERN LIMITS OF MAINTENANCE AREA
	DUMP TRUCK LOCATED WITHIN ACCESS & LOADING AREA (PAVED ACCESS RAMP).		OF PHASE 3. 2.BOBCAT ENTERS CHANNEL FROM ACCESS AREA IN THE SAME
	6.DUMP TRUCKS HAUL MATERIAL TO LEGAL DISPOSAL SITE (MIRAMAR LANDFILL).		FASHION AS PHASE 2. 3.BOBCAT TRAVELS FROM PHASE 2 (LR2B), AND PUSHES MATERIAL FROM PHASE 3 AREA OF WORK TO PHASE 2 LOADING AREA.
	7.BOBCAT & EXCAVATOR DRIVE OUT OF CHANNEL UP PAVED ACCESS RAMP.		4.MATERIAL IS LOADED INTO DUMP TRUCKS IN THE SAME FASHION AS PHASE 2 WORK.
MAINTENANCE	1. DEMOBILIZE EQUIPMENT.		5.DUMP TRUCKS HAUL MATERIAL TO LEGAL DISPOSAL SITE (MIRAMAR LANDFILL) 6.DRY WEATHER DIVERSION BERM, DIVERSION PIPES, & PUMPS REMOVED.
R NOTES	2. REMOVE TEMPORARY CONSTRUCTION BMPS. 1.SWEEPERS WILL SWEEP ADJACENT PUBLIC RIGHTS-OF-WAY AND	—	7.BACKUP PLAN - LOADER IS CHAINED TO GRADALL AND LOWERED INTO CHANNEL AT ACCESS & LOADING AREA.
	IMMEDIATE TRUCK LOADING SITES NIGHTLY. 2.A PUMP MAY BE USED AT VARIOUS LOCATIONS TO REMOVE		8.GRADALL STATIONED OUTSIDE/ABOVE CHANNEL AT 5801 FAIRMOUNT AVENUE. 9.GRADALL SCOOPS MATERIAL & LOADS MATERIAL INTO WAITING
	PONDED WATER PRIOR TO EQUIPMENT ENTERING THE CHANNEL. WATER WILL BE DISCHARGED IN THE VICINITY OF THE		DUMP TRUCKS AT 5801 FAIRMOUNT AVENUE. 10.DUMP TRUCKS HAUL MATERIAL TO LEGAL DISPOSAL SITE
	DIVERSION DISCHARGE. 3.ALL EQUIPMENT (OTHER THAN PUMPS) FUELED OUTSIDE		(MIRAMAR LANDFILL). 11.LOADER IS CHAINED TO GRADALL AND RAISED OUT OF CHANNEL.
	CHANNEL & LOCATED AT LEAST 150' FROM WATERS OF US/STATE.		12.DRY WEATHER DIVERSION BERM, DIVERSION PIPES, & PUMPS REMOVED.
		POST-MAINTENANCE	1. DEMOBILIZE EQUIPMENT. 2. REMOVE TEMPORARY CONSTRUCTION BMPS.
		OTHER NOTES	1.SWEEPERS WILL SWEEP ADJACENT PUBLIC RIGHTS-OF-WAY AND IMMEDIATE TRUCK LOADING SITES NIGHTLY. 2.A PUMP MAY BE USED AT VARIOUS LOCATIONS TO REMOVE PONDED WATER PRIOR TO EQUIPMENT ENTERING THE CHANNEL.
			2.A PUMP MAY BE USED AT VARIOUS LOCATIONS TO REMOVE PONDED WATER PRIOR TO EQUIPMENT ENTERING THE CHANNEL.
			WATER WILL BE DISCHARGED IN THE VICINITY OF THE DIVERSION DISCHARGE.
			3.ALL EQUIPMENT (OTHER THAN PUMPS) FUELED OUTSIDE CHANNEL & LOCATED AT LEAST 150' FROM WATERS OF US/STATE.
			US/ STATE.
			NOFESS/ONAL
			ENGINEER OF WORK
			CARSON P. EDGINGTON R.C.E. 76519 DATE
			ENGINEER OF WORK
			CARSON P. EDGINGTON R.C.E. 76519 DATE MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL
			ENGINEER OF WORK CARSON P. EDGINGTON R.C.E. 76519 DATE MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL MMP MAP #59 & 60 CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION AND STORWWATER DEPARTMENT SHEET 4 OF 5 SHEETS P.T.S. NO.
			CARSON P. EDGINGTON R.C.E. 76519 DATE MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL MMP MAP #59 & 60 CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION AND STORMWATER DEPARTMENT SHEET 4 OF 5 SHEETS
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			ENGINEER OF WORK CARSON P. EDGINGTON R.C.E. 76519 DATE MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL MMP MAP #59 & 60 Item to the standard store the store
			ENGINEER OF WORK CARSON P. EDGINGTON R.C.E. 76519 DATE MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL MMP MAP #59 & 60 CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION AND STORMWATER DEPARTMENT SHEET 4 OF 5 SHEETS V.T.M. FOR CITY ENGINEER DESCRIPTION BY APPROVED DATE V.T.M. MAIE V.T.M. DESCRIPTION BY APPROVED DATE V.T.M. MAB3 COOR

MAINTENANCE BMPs

1. ALL BEST MANAGEMENT PRACTICES (BMPs) WILL BE IMPLEMENTED PRIOR TO OR CONCURRENT WITH CONSTRUCTION AND MAINTAINED THROUGHOUT THE PROJECT. A QUALIFIED CONTACT PERSON WILL BE RESPONSIBLE FOR IMPLEMENTING THE WATER POLLUTION CONTROL PLAN (WPCP). ALL WORK SHALL BE COMPLETED BETWEEN SEPTEMBER 15TH AND FEBRUARY 15TH UNLESS AN EXTENSION IS GRANTED IN CONFORMANCE WITH ALL APPLICABLE PERMITS.

2. CONTRACTOR WILL LIMIT ALL CONSTRUCTION RELATED ACTIVITIES TO THE PROJECT FOOTPRINT. 3. EXISTING VEGETATION TO BE PRESERVED IN PLACE SHALL BE CLEARLY MARKED WITH A BUFFER AREA FOLLOWING THE GUIDANCE OF BMP FACT SHEET EC-2.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUCH ON STREETS AND OTHER PAVED SURFACES DUE TO EXCAVATION ACTIVITIES. STREET SWEEPING AND VACUUMING WILL BE MANAGED FOLLOWING THE GUIDANCE OF BMP FACT SHEET SE-7.

5. WEATHER TRIGGERED ACTION PLAN SHALL BE IMPLEMENTED WHEN THERE IS A FORECASTED 50% OR GREATER CHANCE OF LIKELY PRECIPITATION OF 0.1 INCH OR GREATER BY THE NATIONAL WEATHER SERVICE FORECAST.

6. CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER AFTER EACH RUNOFF -PRODUCING RAINFALL.

7. TEMPORARY EROSION OR SEDIMENT CONTROL MEASURES WILL BE REMOVED UPON COMPLETION OF MAINTENANCE UNLESS THEIR REMOVAL WOULD RESULT IN GREATER ENVIRONMENTAL IMPACT THAN LEAVING THEM IN PLACE.

8. HAZARDOUS MATERIALS USED DURING MAINTENANCE WILL NOT BE STORED WITHIN 50 FEET FROM STORM WATER FACILITIES. HAZARDOUS MATERIALS SHALL BE MANAGED AND STORED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. A REGISTERED FIRST-RESPONSE, PROFESSIONAL HAZARDOUS MATERIALS CLEAN-UP/REMEDIATION SERVICE SHALL BE LOCALLY AVAILABLE ON CALL.

9. THE TREATMENT, STORAGE, AND DISPOSAL OF WASTEWATER DURING THE LIFE OF THE PROJECT MUST BE DONE IN ACCORDANCE WITH WASTE DISCHARGE REQUIREMENTS ESTABLISHED BY THE SAN DIEGO WATER BOARD PURSUANT TO CWC 13260.

10. SPILLS SHALL BE MANAGED FOLLOWING THE GUIDANCE OF BMP FACT SHEET WM-4. SPILL CLEANUP MATERIALS SHALL BE AVAILABLE ONSITE AT ALL TIMES. 11. THE CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO EXTINGUISH SMALL BRUSH FIRES (FROM SPARKING

VEHICLES, ETC.) ON-SITE DURING ALL PHASES OF PROJECT ACTIVITIES, ALONG WITH TRAINED PERSONNEL FOR USE OF SUCH EQUIPMENT.

12. THE CONTRACTOR SHALL MONITOR THE 5 DAY WEATHER FORECAST. IF ANY PRECIPITATION IS FORECASTED, THE SITE SHALL BE SECURED TO PREVENT ANY CONSTRUCTION RELATED MATERIALS FROM LEAVING THE SITE AND ENTERING THE CHANNELS. NO CONSTRUCTION ACTIVITIES SHALL OCCUR DURING RAIN EVENTS.

13. SAMPLING AND ANALYSIS, MONITORING AND REPORTING, AND POST-MAINTENANCE MANAGEMENT OF THE PROJECT SHALL BE CONDUCTED AS DÉTERMINED NECESSARY BY THE CITY OF SAN DIEGO.

14. CHANNELS WILL BE INSPECTED WITHIN 72 HOURS OF THE FIRST 2-YEAR STORM FOLLOWING MAINTENANCE. IF SUBSTANTIAL EROSION HAS OCCURRED. EROSION CONTROL MEASURES RECOMMENDED BY THE FIELD ENGINEER WILL BE IMPLEMENTED TO REMEDIATE EROSION AREAS AND TO MINIMIZE FUTURE EROSION.

15. CONTRACTOR SHALL PROVIDE TRAINING FOR ALL PERSONNEL RESPONSIBLE FOR THE PROPER INSTALLATION, INSPECTION, AND MAINTENANCE OF ONSITE BMPs.

16. THE QUALIFIED CONTACT PERSON WILL ASSIGN A MONITOR FOR DAILY INSPECTION OF THE BMPs EACH MORNING. THE MONITOR WILL CHECK THE NATIONAL WEATHER SERVICE FORECAST, COMPLETE BMP INSPECTION CHECKLIST, PERFORM ANY NECESSARY BMP MAINTENANCE/REPAIRS, AND REPORT THE RESULTS TO THE QUALIFIED CONTACT PERSON. COMPLETED INSPECTION CHECKLIST WILL BE KEPT WITH THE WPCP.

17. PREVIOUSLY UNDISTURBED STAGING AREAS WILL BE REVEGETATED WITHIN 30 DAYS OF COMPLETION OF MAINTENANCE ACTIVITIES. THE REVEGETATED AREAS WILL BE MONITORED FOR A PERIODS OF NOT LESS THAN 25 MONTHS AFTER PLANTING.

18. FINAL LOCATION OF CHANNEL CENTERLINE WILL BE DETERMINED IN THE FIELD AND COORDINATED WITH THE NECESSARY PROJECT SPECIALIST (BIOLOGIST, HISTORICAL MONITOR, ETC.)

ADDITIONAL MAINTENANCE REQUIREMENTS

1. THE CITY SHALL NOTIFY CALIFORNIA DEPARTMENT OF FISH & WILDLIFE (CDFW), IN WRITING, AT LEAST FIVE DAYS PRIOR TO INITIATION OF CONSTRUCTION PRIOR TO COMPLETION OF CONSTRUCTION (PROJECT) ACTIVITIES. NOTIFICATION SHALL BE SENT TO CDFW'S SOUTH COAST OFFICE, ATTN: STREAMBED ALTERATION PROGRAM-SM# 1600-2011-0271-R5.

2. AVOID THE INTRODUCTION OF INVASIVE PLANT SPECIES WITH PHYSICAL EROSION CONTROL MEASURES. 3. PRIOR TO COMMENCING ANY MAINTENANCE ACTIVITY WHICH MAY IMPACT SENSITIVE BIOLOGICAL RESOURCES, THE MONITORING BIOLOGIST SHALL VERIFY THAT THE FOLLOWING ACTIONS HAVE BEEN TAKEN, AS APPROPRIATE:

-FENCING, FLAGGING, SIGNAGE OR OTHER MEANS TO PROTECT SENSITIVE RESOURCES TO REMAIN AFTER MAINTENANCE HAS BEEN IMPLEMENTED;

-NOISE ATTENUATION MEASURES NEEDED TO PROTECT SENSITIVE WILDLIFE ARE IN PLACE AND EFFECTIVE; AND/OR -NESTING BIRDS HAVE BEEN IDENTIFIED AND NECESSARY MAINTENANCE SETBACKS HAVE BEEN ESTABLISHED

IF MAINTENANCE IS TO OCCUR BETWEEN JANUARY 15 AND AUGUST 31. 4. IF ANY WILDLIFE IS ENCOUNTERED DURING THE COURSE OF MAINTENANCE, SAID WILDLIFE SHALL BE ALLOWED TO LEAVE THE MAINTENANCE AREA UNHARMED.



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MASTER MAINTENANCE PLAN (MMP) PROTOCOL REQUIREMENTS:

1. BIO-1: RESTRICT VEHICLES TO ACCESS DESIGNATED IN THE MMP.

- 2. BIO-2: FLAG AND DELINEATE ALL SENSITIVE BIOLOGICAL RESOURCES TO REMAIN WITHIN OR ADJACENT TO MAINTENANCE AREA PRIOR TO INITIATION OF MAINTENANCE ACTIVITIES IN ACCORDANCE WITH THE SITE SPECIFIC INDIVIDUAL BIOLOGICAL ASSESSMENT (IBA), INDIVIDUAL HYDROLOGY AND HYDRAULIC ASSESSMENT (IHHA), AND/OR INDIVIDUAL MAINTENANCE PLAN (IMP) PREPARED FOR THE WORK.
- 3. BIO-3: CONDUCT A PRE-MAINTENANCE MEETING ON SITE PRIOR TO THE START OF ANY MAINTENANCE ACTIVITY THAT OCCURS WITHIN OR ADJACENT TO SENSITIVE BIOLOGICAL RESOURCES. THE PRE-MAINTENANCE ACTIVITY THAT OCCURS WITHIN OR ADJACENT TO SENSITIVE BIOLOGICAL RESOURCES. THE PRE-MAINTENANCE MEETING SHALL INCLUDE A QUALIFIED BIOLOGIST, FIELD ENGINEER, PLANNER, EQUIPMENT OPERATORS/SUPERINTENDENT AND OTHER KEY PERSONNEL CONDUCTING OR INVOLVED IN CHANNEL MAINTENANCE ACTIVITIES. THE QUALIFIED BIOLOGIST SHALL POINT OUT OR IDENTIFY SENSITIVE BIOLOGICAL RESOURCES TO BE AVOIDED DURING MAINTENANCE, FLAG/DELINEATE SENSITIVE RESOURCES TO BE AVOIDED, REVIEW SPECIFIC MEASURES TO PROTECT SENSITIVE BIOLOGICAL RESOURCES AS NECESSARY. THE BIOLOGIST SHALL ALSO REVIEW THE PROPOSED EROSION CONTROL METHODS TO CONFIRM THEY WILL NOT POSE RISK TO WILDLIFE (E.G., NON-BIODEGRADABLE BLANKETS MAY ENTANGLE WILDLIFE).
- 4. BIO-4: AVOID THE INTRODUCTION OF INVASIVE PLANT SPECIES WITH PHYSICAL EROSION CONTROL MEASURES.
- 5. BIO-5: CONDUCT APPROPRIATE PRE-MAINTENANCE SURVEYS IF MAINTENANCE IS PROPOSED DURING THE BREEDING SEASON OF A SENSITIVE ANIMAL SPECIES (JANUARY 15 TO AUGUST 31). IF SENSITIVE ANIMAL SPECIES COVERED BY THE PROGRAM ENVIRONMENTAL IMPACT REPORT (PEIR) ARE IDENTIFIED, THEN APPLICABLE MEASURES FROM THE MITIGATION MONITORING AND REPORTING PLAN (MMRP) SHALL BE IMPLEMENTED UNDER THE DIRECTION OF A QUALIFIED BIOLOGIST TO AVOID SIGNIFICANT DIRECT AND/OR INDIRECT IMPACTS TO IDENTIFIED SENSITIVE ANIMAL SPECIES. IF SENSITIVE ANIMAL SPECIES ARE IDENTIFIED DURING PRE-MAINTENANCE SURVEYS THAT ARE NOT COVERED BY THE PEIR, SWD SHALL CONTACT THE APPROPRIATE WILDLIFE AGENCIES AND ADDITIONAL ENVIRONMENTAL REVIEW UNDER CEQA WILL BE REQUIRED.
- 6. BIO-6: REMOVE ARUNDO THROUGH ONE, OR A COMBINATION OF, THE FOLLOWING METHODS;(1) FOLIAR SPRAY (SPRAYING HERBICIDE ON LEAVES AND STEMS WITHOUT CUTTING FIRST) WHEN ARUNDO OCCURS IN MONOTYPIC STANDS, OR (2) CUT AND PAINT (CUTTING STEMS CLOSE TO THE GROUND AND SPRAYING OR PAINTING HERBICIDE ON CUT STEM SURFACE) WHEN ARUNDO IS INTERMIXED WITH NATIVE PLANTS. WHEN SEDIMENT SUPPORTING ARRUNDO MUST BE REMOVED, THE SEDIMENT SHALL BE EXCAVATED TO A DEPTH SUFFICIENT TO REMOVE THE RHIZOMES, WHEREVER FEASIBLE, FOLLOWING DUTATION OF THE REMOVED AND SUBJECT OF THE REMOVED AND STANDARD AND STANDAR REMOVAL OF SEDIMENT CONTAINING RHIZOMES, LOOSE RHIZOME MATERIAL SHALL BE REMOVED FROM THE CHANNEL AND DISPOSED OFFSITE. AFTER THE INITIAL TREATMENT, THE AREA OF REMOVAL SHALL BE INSPECTED ON A QUARTERLY BASIS FOR UP TWO YEARS, OR UNTIL NO RESPROUTING IS OBSERVED DURING AN INSPECTION. IF RESPROUTING IS OBSERVED, THE CUT AND PAINT METHOD SHALL BE APPLIED TO ALL RESPROUTS.
- 7. BIO-7: AVOID MECHANIZED MAINTENANCE WITHIN 300 FEET OF A COOPER'S HAWK NEST, 900 FEET OF A NORTHERN HARRIER'S NEST, OR 500 FEET OF ANY OTHER RAPTOR'S NEST UNTIL ANY FLEDGLINGS HAVE LEFT THE NEST.
- 8. WM-1: DISPOSE AND TRANSPORT COMPOSTABLE GREEN WASTE MATERIAL TO AN APPROVED COMPOSTING FACILITY, IF AVAILABLE.
- 9. WM-2: RE-USE EXCAVATED MATERIAL, WHENEVER POSSIBLE, AS FILL MATERIAL, AGGREGATE SAND REPLENISHMENT, OR OTHER RAW MATERIAL USES. RE-USED MATERIAL (AGGREGATES, SOIL, SAND OR SILT) SHALL BE DOCUMENTED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- 10. WM-3: SEPARATE WASTE TIRES FROM EXCAVATED MATERIAL AND TRANSPORT THEM TO AN APPROPRIATE DISPOSAL FACILITY. IF MORE THAN NINE TIRES ARE IN A VEHICLE OR WASTE BIN AT ANY ONE TIME, THEY SHALL BE TRANSPORTED UNDER A COMPLETED COMPREHENSIVE TRIP LOG (CTL) TO DOCUMENT THAT THE TIRES WERE TAKEN TO AN APPROPRIATE DISPOSAL FACILITY.
- 11. WM-4: LOG AND TRANSPORT ANY HAZARDOUS MATERIALS ENCOUNTERED DURING MAINTENANCE TO A HAZARDOUS WASTE STORAGE, RECYCLING, TREATMENT OR DISPOSAL FACILITY. PERSONNEL HANDLING HAZARDOUS MATERIALS SHALL HAVE THE APPROPRIATE TRAINING TO HANDLE, STORE, TRANSPORT, AND/OR DISPOSE THE MATERIAL. HAZARDOUS MATERIALS (E.G., MACHINE OIL, MERCURY SWITCHES, AND REFRIGERANT GASES) SHALL BE REMOVED FROM APPLIANCES AND DISPOSED IN ACCORDANCE WITH THIS PROTOCOL.
- 12. WQ-2: PREVENT OFF-SITE SEDIMENT TRANSPORT DURING MAINTENANCE THROUGH THE USE OF EROSION AND SEDIMENT CONTROLS WITHIN STORM WATER FACILITIES, ALONG ACCESS ROUTES AND AROUND STOCKPILE/STAGING AREAS. INSTALL BMPS SUCH AS SILT FENCES, FIBER ROLLS; GRAVEL BAGS; TEMPORARY SEDIMENT BASINS; STABILIZED MAINTENANCE ACCESS POINTS (E.G., SHAKER PLATES); CONTAINMENT BARRIERS (E.G., SILT FENCE, FIBER ROLLS AND/OR BERMS) FOR MATERIAL STOCKPILES; AND PROPERLY FITTED COVERS FOR MATERIAL TRANSPORT VEHICLES. REMOVE TEMPORARY EROSION OR SEDIMENT CONTROL MEASURES UPON COMPLETION OF MAINTENANCE UNLESS THEIR REMOVAL WOULD RESULT IN GREATER ENVIRONMENTAL IMPACT THAN LEAVING THEM IN PLACE.
- 13. WQ-3: STORE BMP MATERIALS ON-SITE TO PROVIDE COMPLETE PROTECTION OF EXPOSED AREAS AND PREVENT OFF-SITE SEDIMENT TRANSPORT.
- 14. WQ-4: PROVIDE TRAINING FOR PERSONNEL RESPONSIBLE FOR THE PROPER INSTALLATION, INSPECTION, AND MAINTENANCE OF ON-SITE BMPS.
- 15. WQ-7: AVOID STORING HAZARDOUS MATERIALS USED DURING MAINTENANCE WITHIN 50 FEET FROM STORM WATER FACILITIES. HAZARDOUS MATERIALS SHALL BE MANAGED AND STORED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- 16. WQ-8: STORE MAINTENANCE-RELATED TRASH IN AREAS AT LEAST 50 FEET FROM STORM WATER FACILITIES, AND REMOVE ANY TRASH RECEPTACLES REGULARLY (AT LEAST WEEKLY).
- 17. WQ-10: INSPECT EARTHEN-BOTTOM STORM WATER FACILITIES WITHIN 30 DAYS OF THE FIRST 2-YEAR STORM FOLLOWING MAINTENANCE. IMPLEMENT EROSION CONTROL MEASURES RECOMMENDED BY THE FIELD ENGINEER, SUCH AS FIBER BLANKETS, TO REMEDIATE SUBSTANTIAL EROSION WHICH HAS OCCURRED AND TO MINIMIZE FUTURE EROSION.

PEIR ENVIRONMENTAL MITIGATION MEASURES
GENERAL MITIGATION MEASURE 1 OF THE MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)
ADOPTED FOR THE MMP REQUIRES ALL OF THE MITIGATION MEASURES IDENTIFIED IN THE PROGRAM EIF
(PEIR) BE INCLUDED WITH THE MAINTENANCE DOCUMENTS AND CONTRACT SPECIFICATIONS FOR EACH
MAINTENANCE ACTIVITY. TO FULFILL THIS REQUIREMENT, THE MMRP IS INCLUDED IN ITS ENTIRETY AS
ATTACHMENT A TO THIS IMP.

ENGINEER OF WORK



CARSON P.EDGINGTON R.C.E. 76519 DATE

MAINTENANCE PLANS FOR: ALVARADO LOWER CHANNEL MMP MAP #59 & 60					
CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION AND STORMWATER DEPARTMENT SHEET 5 OF 5 SHEETS				I.O.NO P.T.S NO	
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