

**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-80
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR WATER TREATMENT PLANT - UPGRADE AND EXPANSION

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
52,042,565	WATER-E		27,257,163	337,264	9,776,349	10,151,422	1,705,450	2,682,047	129,015	3,855
101,023,799	WATER-R		52,910,964	654,688	18,977,618	19,705,701	3,310,578	5,206,327	250,441	7,482
153,066,364	TOTAL	0	80,168,127	991,952	28,753,967	29,857,123	5,016,028	7,888,374	379,456	11,337

DESCRIPTION:

THIS PROJECT PROVIDES FOR EXPANDING THE CAPACITY OF THE MIRAMAR WATER TREATMENT PLANT FROM 140 MGD TO 215 MGD AND UPGRADING THE EXISTING FACILITIES. PROJECT CONSISTS OF CONSTRUCTING NEW FILTERS, OZONE AND A RE-ERATION FACILITY.

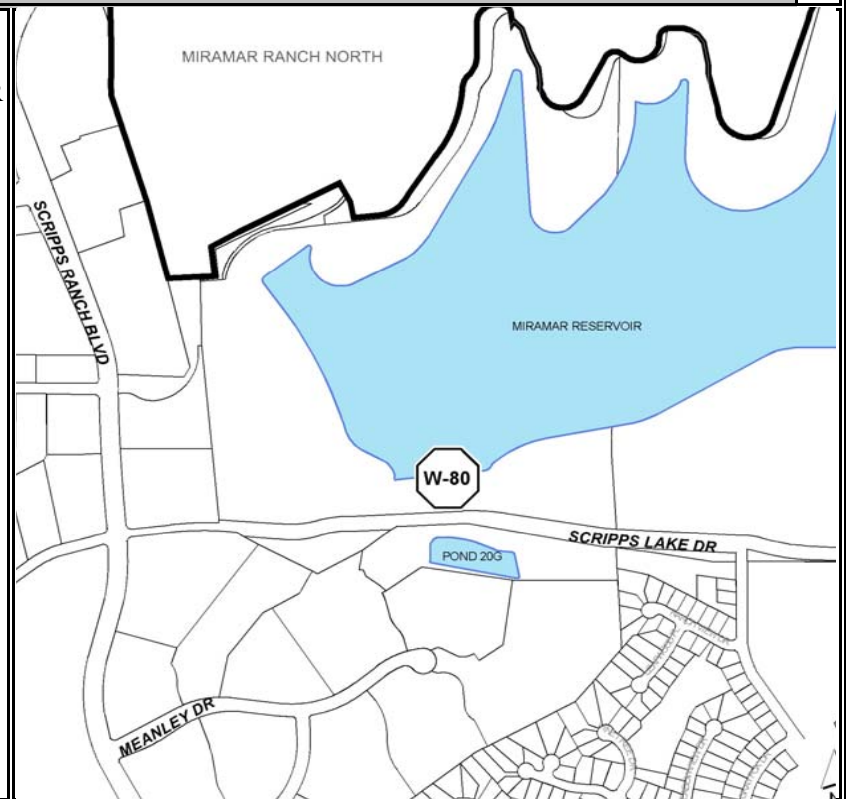
JUSTIFICATION:

THE SAFE DRINKING WATER ACT DICTATES THE NEED TO UPGRADE THE EXISTING TREATMENT PLANT. ALSO, INCREASING DEMANDS ON THE PLANT BY THE RAPIDLY GROWING NORTH CITY AREA NECESSITATE ITS EXPANSION. THIS PROJECT IS A DHS COMPLIANCE ORDER. THIS PROJECT IS CONSISTENT WITH THE SCRIPPS MIRAMAR RANCH COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

DESIGN BEGAN IN FISCAL YEAR 1997 AND IS CONTINUING THROUGH SUBSEQUENT PHASES OF WORK. CONSTRUCTION BEGAN ON THE INITIAL PHASE OF WORK IN FISCAL YEAR 2001 AND IS SCHEDULED TO BE COMPLETED IN FISCAL YEAR 2013.

CIP NO: 73-284.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

**PROJECT: 34-81A
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR**

TITLE: MIRAMAR PIPELINE IMPROVEMENTS-PHASE III & IV

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
1,573,732	WATER-R		1,473,732	100,000					
1,573,732	TOTAL	0	1,473,732	100,000	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES FOR REPLACING OR REHABILITATING 26,870 LINEAR FEET OF EXISTING 51-INCH DIAMETER PRE-STRESSED CONCRETE CYLINDER PIPE ON MIRA MESA BOULEVARD BETWEEN STEADMAN STREET AND I-15. A PIPELINE CONDITION ASSESSMENT WILL BE PERFORMED PRIOR TO INITIATING DESIGN.

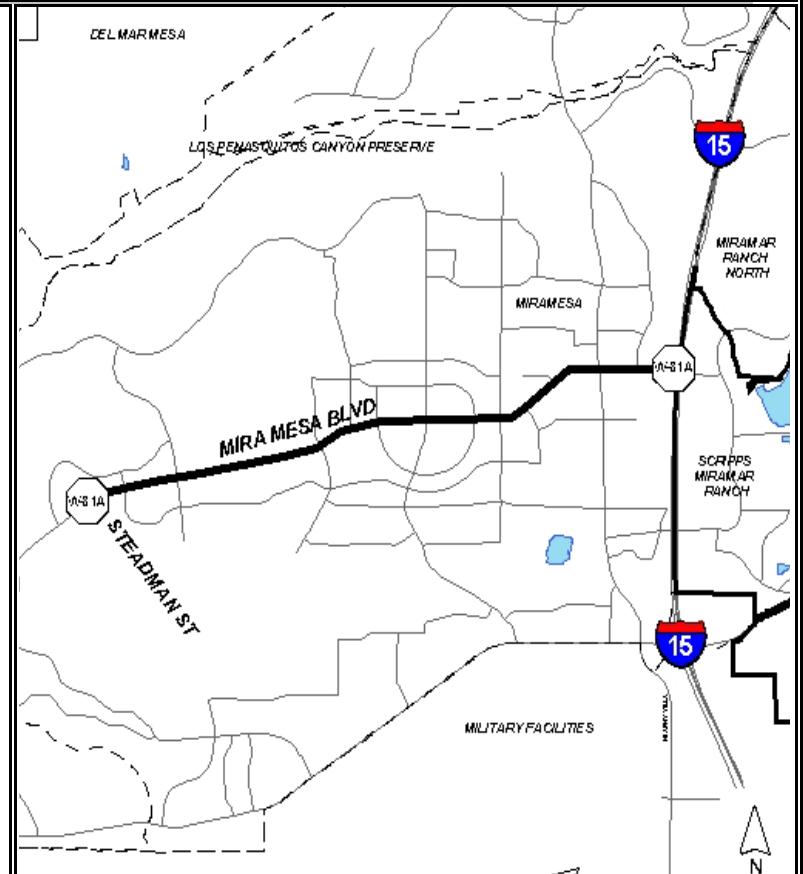
JUSTIFICATION:

THESE IMPROVEMENTS ARE NECESSARY TO PREVENT WATER PIPE BREAKS AND TO INSURE A CONTINUOUS WATER SUPPLY TO THE MIRA MESA COMMUNITY. THIS PROJECT IS CONSISTENT WITH THE MIRA MESA COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

MAJOR PIPELINE INSPECTIONS BEGAN IN FISCAL YEAR 2005 AND ARE SCHEDULED TO BE COMPLETED IN FISCAL YEAR 2007 FOLLOWING CONSTRUCTION OF THE BLACK MOUNTAIN ROAD PIPELINE PROJECTS (CIP 70-945.0 AND CIP 73-341.0).

CIP NO: 70-910.5



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-81B
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: **MIRAMAR PIPELINE IMPROVEMENTS-PHASE IV**

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT	APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
0	WATER-R									
0	TOTAL	0	0	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES FOR REPLACING OR REHABILITATING 12,470 LINEAR FEET OF EXISTING 51-INCH DIAMETER PRESTRESSED CONCRETE CYLINDER PIPE ALONG MIRA MESA BOULEVARD AND SCRIPPS LAKE DRIVE. THE DECISION TO REPLACE OR REHABILITATE WILL BE MADE BASED ON A CONDITION ASSESSMENT OF THE PIPELINE INCLUDING A PHYSICAL INSPECTION.

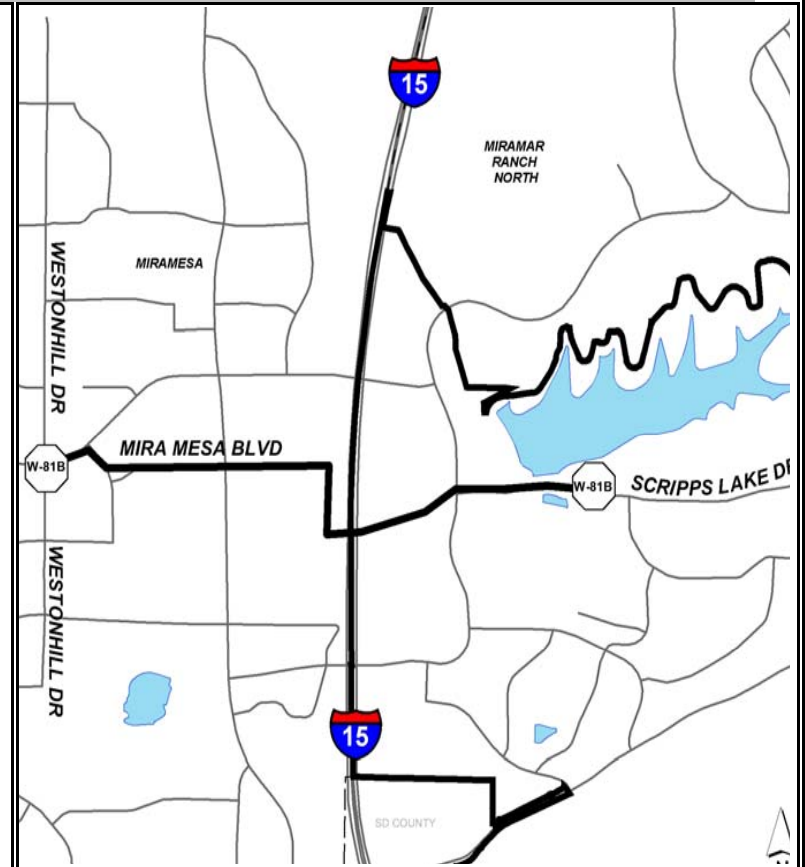
JUSTIFICATION:

THESE IMPROVEMENTS ARE NECESSARY TO PREVENT WATER PIPE BREAKS AND TO INSURE A CONTINUOUS WATER SUPPLY TO THE MIRA MESA COMMUNITY. THIS PROJECT IS CONSISTENT WITH THE MIRA MESA COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

THIS PROJECT HAS BEEN COMBINED WITH PROJECT 34-81A FOR FISCAL YEAR 2007.

CIP NO: 70-910.5



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-82
COUNCIL DISTRICT: 5, 7
COMMUNITY PLAN: SMR

TITLE: **POMERADO PIPELINE NO. 2**

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT	APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
8,266,778	WATER-R	8,586						11,439	8,246,753	
8,266,778	TOTAL	8,586	0		0	0	0	11,439	8,246,753	0

DESCRIPTION:

THIS PROJECT PROVIDES FOR PURCHASING THE EXISTING POMERADO PIPELINE, WHICH IS ROUTED BETWEEN THE MIRAMAR WATER TREATMENT PLANT AND THE TIERRASANTA AREA, FROM THE SAN DIEGO COUNTY WATER AUTHORITY.

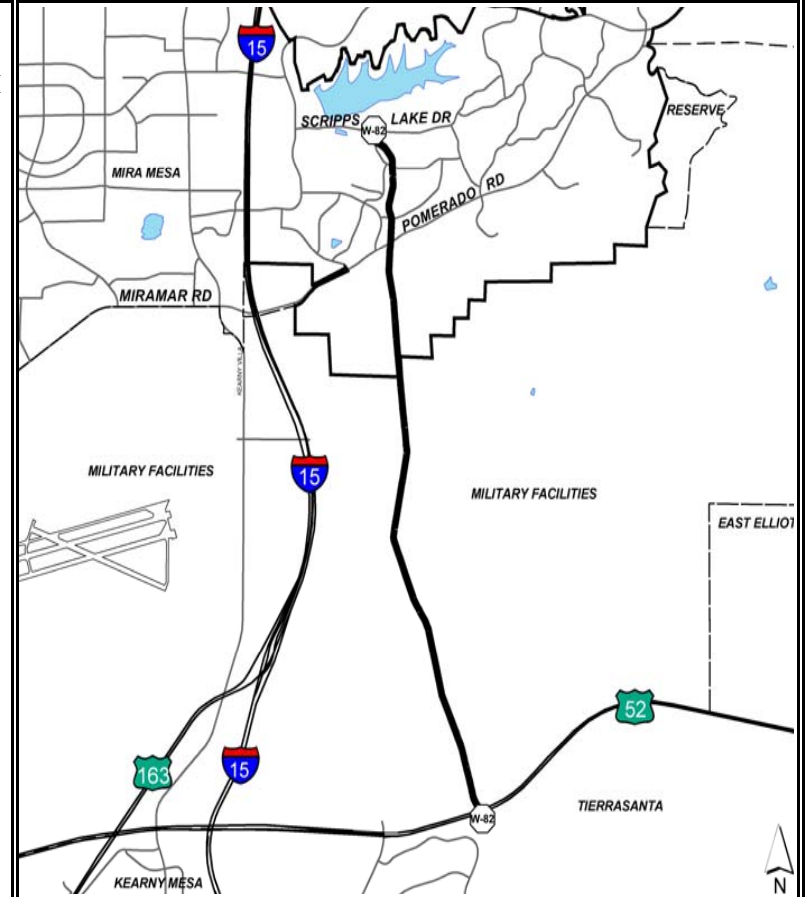
JUSTIFICATION:

THE CITY PRESENTLY PURCHASES IMPORTED FILTERED WATER FROM THE COUNTY WATER AUTHORITY FOR THE SHEPHERD CANYON PIPELINE. ANTICIPATED DEMANDS ON COUNTY WATER AUTHORITY'S FILTERED WATER PIPELINE WILL CREATE A SHORTFALL FOR THE SHEPHERD CANYON CONNECTION. THE SHORTFALL WOULD HAVE TO BE MITIGATED BY COUNTY WATER AUTHORITY PUMPING TREATED WATER INTO ITS AQUEDUCT FROM THE MIRAMAR FILTRATION PLANT. THE CITY WOULD PAY A PROPORTIONATE SHARE OF THE PUMPING COST, ESTIMATED AT \$500,000 ANNUALLY, FOR WATER TAKEN AT THE CONNECTION. POMERADO PIPELINE NO. 2 WILL ALLOW THE CITY TO DISCONNECT FROM THE COUNTY WATER AUTHORITY AQUEDUCT FOR ALL BUT EMERGENCY PURPOSES. THIS PROJECT IS CONSISTENT WITH THE SCRIPPS MIRAMAR RANCH AND TIERRASANTA COMMUNITY PLANS, AND IS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

ACQUISITION OF THIS PIPELINE IS SCHEDULED TO BEGIN IN FISCAL YEAR 2010 WITH COMPLETION IN FISCAL YEAR 2011.

CIP NO: 73-248.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-83
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR ROAD SUBSYSTEM EXTENSION

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT	APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
9,594,686	WATERE-C	9,594,686								
9,594,686	TOTAL	9,594,686	0		0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDED FOR SUPPLYING IDENTIFIED USERS WITH TITLE 22 RECLAIMED WATER FROM THE NORTH CITY WATER RECLAMATION PLANT.

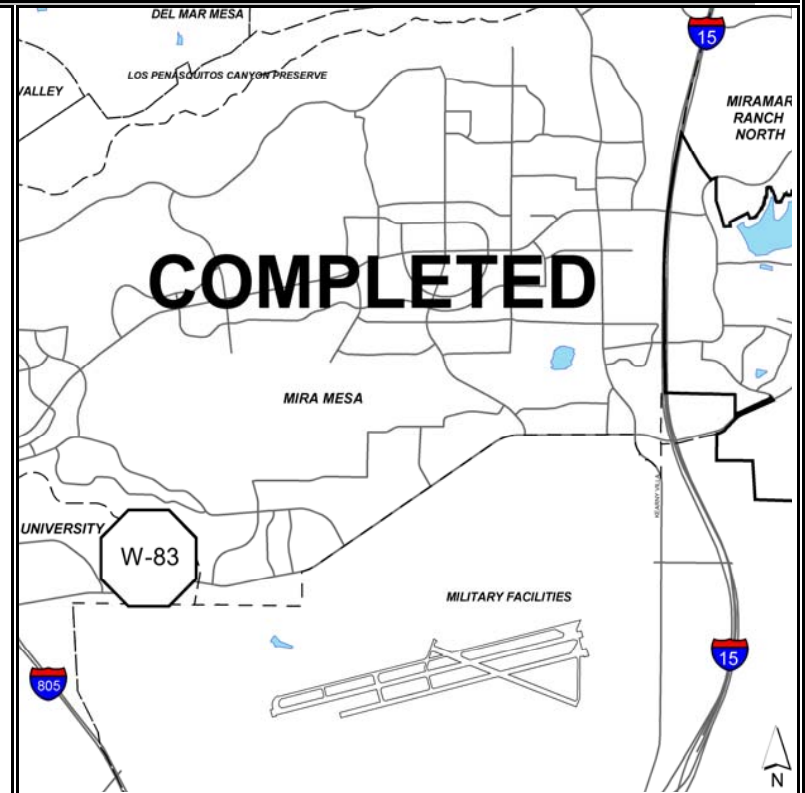
JUSTIFICATION:

ONE OF THE REQUIREMENTS OF THE PROPOSED CONSENT DECREE AGREEMENT BETWEEN THE CITY, STATE AND ENVIRONMENTAL PROTECTION AGENCY (EPA) IS THE BENEFICIAL USE OF TITLE 22 RECLAIMED WATER. THIS PROJECT WAS CONSISTENT WITH THE MIRA MESA AND SCRIPPS MIRAMAR RANCH COMMUNITY PLANS, AND WAS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2000.

CIP NO: 70-916.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-84
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR STORAGE TANK AND RAW WATER CONNECTION

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT	APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
13,078,005	WATERE-C	13,078,005								
13,078,005	TOTAL	13,078,005	0		0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDED FOR SUPPLYING IDENTIFIED USERS WITH TITLE 22 RECLAIMED WATER FROM THE NORTH CITY WATER RECLAMATION PLANT.

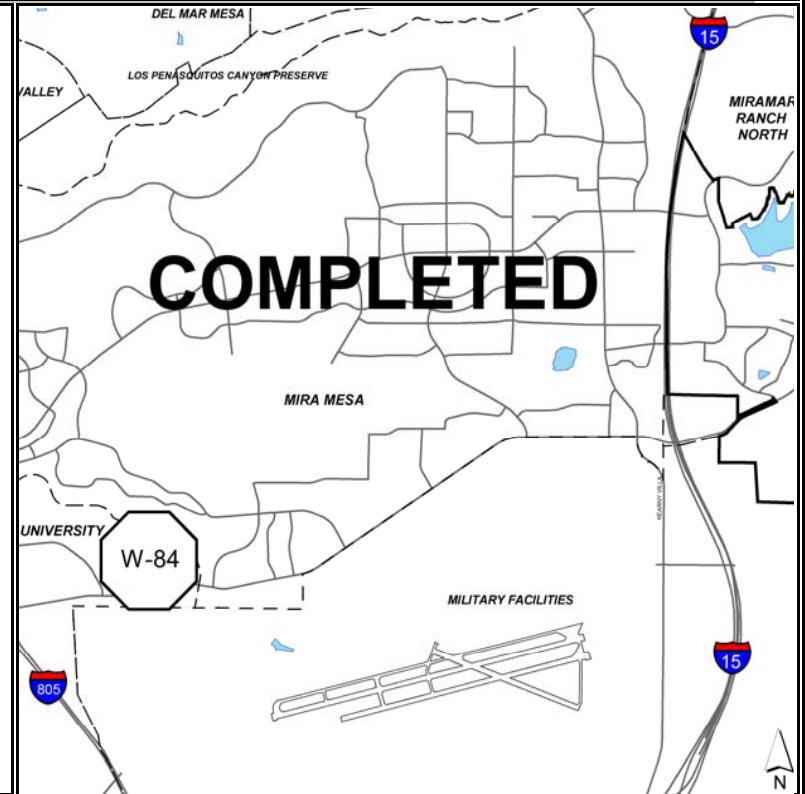
JUSTIFICATION:

ONE OF THE REQUIREMENTS OF THE PROPOSED CONSENT DECREE AGREEMENT BETWEEN THE CITY, STATE AND ENVIRONMENTAL PROTECTION AGENCY (EPA) IS THE BENEFICIAL USE OF TITLE 22 RECLAIMED WATER. THIS PROJECT WAS CONSISTENT WITH THE MIRAMAR RANCH NORTH AND SCRIPPS MIRAMAR RANCH COMMUNITY PLANS, AND WAS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2000.

CIP NO: 70-917.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-85
COUNCIL DISTRICT: 5
COMMUNITY: SMR

TITLE: SCRIPPS RANCH BOULEVARD/I-15 SUBSYSTEM

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
6,638,588	WATERE-C	6,638,588							
6,638,588	TOTAL	6,638,588	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDED FOR SUPPLYING IDENTIFIED USERS WITH TITLE 22 RECLAIMED WATER FROM THE NORTH CITY WATER RECLAMATION PLANT.

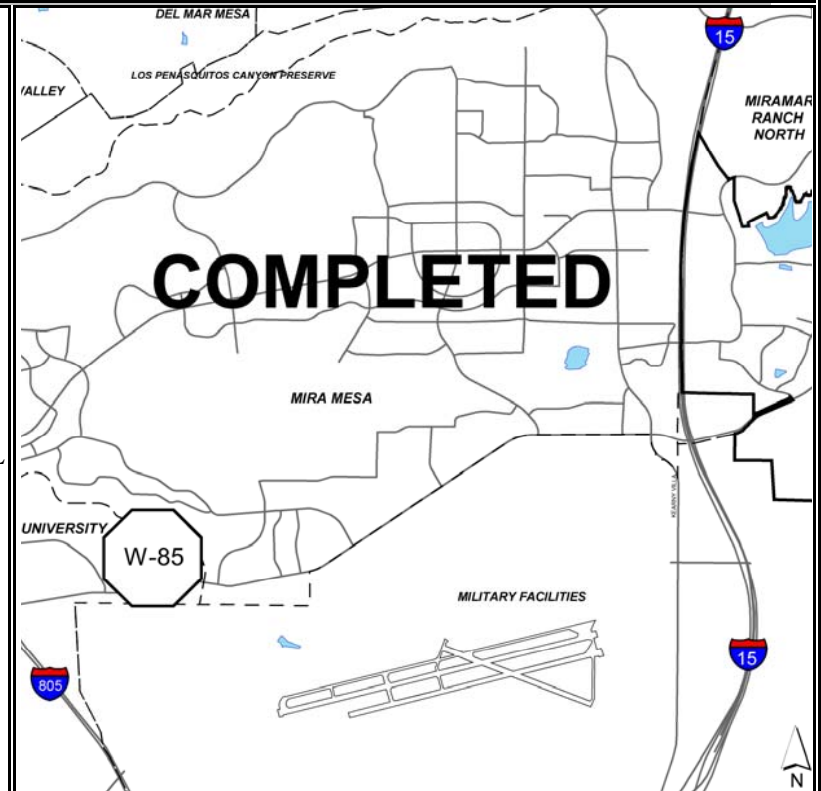
JUSTIFICATION:

ONE OF THE REQUIREMENTS OF THE PROPOSED CONSENT DECREE AGREEMENT BETWEEN THE CITY, STATE AND ENVIRONMENTAL PROTECTION AGENCY (EPA) IS THE BENEFICIAL USE OF TITLE 22 RECLAIMED WATER. THIS PROJECT WAS CONSISTENT WITH THE MIRAMAR RANCH NORTH AND SCRIPPS MIRAMAR RANCH COMMUNITY PLANS, AND WAS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2000.

CIP NO: 70-918.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-86
COUNCIL DISTRICT: 5
COMMUNITY PLAN: RB

TITLE: **BLACK MOUNTAIN ROAD PIPELINE**

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT	APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
22,366,431	WATER-E	22,366,431								
22,366,431	TOTAL	22,366,431	0	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES APPROXIMATELY FIVE MILES OF 42- AND 48-INCH POTABLE WATER PIPELINE ALONG SCRIPPS RANCH BLVD., MIRA MESA BLVD., WESTVIEW PKWY., BLACK MOUNTAIN RD., TWIN TRAILS DR. AND CARMEL MOUNTAIN RD.

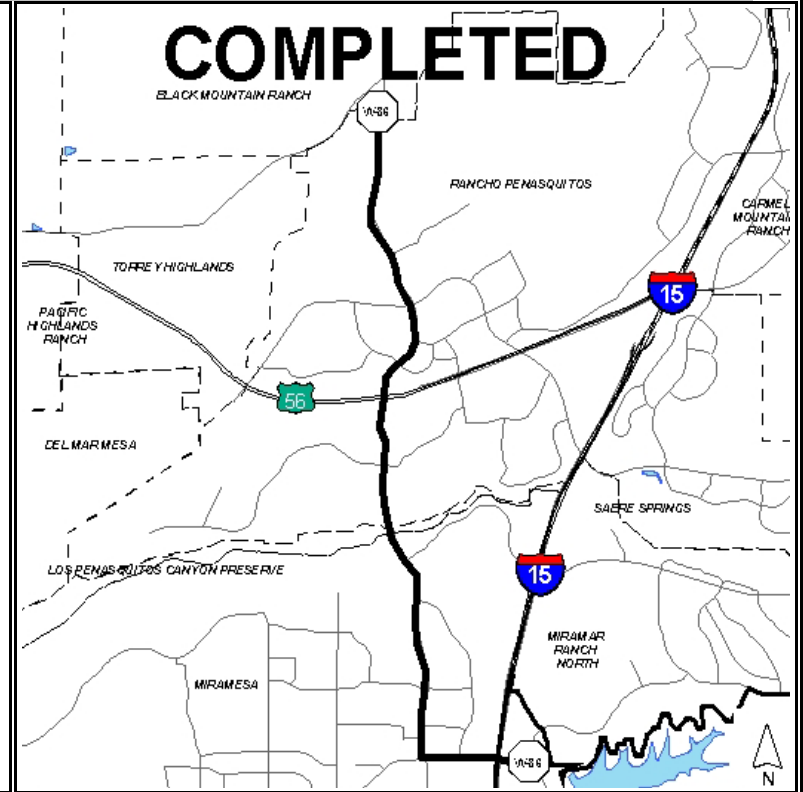
JUSTIFICATION:

THE BLACK MOUNTAIN ROAD PIPELINES PROJECT CONSISTS OF A POTABLE WATER PIPELINE AND A RECLAIMED WATER PIPELINE (CIP 70-954.0). THE POTABLE WATER PIPELINE WILL BE DESIGNED AND BUILT AS A PRIMARY TRANSMISSION FACILITY TO CONVEY ADDITIONAL LOCALLY TREATED POTABLE WATER FROM THE MIRAMAR WATER TREATMENT PLANT TO THE NORTHERN REGION OF THE CITY, MAINLY THE COMMUNITIES OF RANCHO BERNARDO, RANCHO PENASQUITOS AND DEL MAR TO MEET THE CURRENT AND FUTURE DEMANDS. THIS PROJECT IS CONSISTENT WITH THE RANCHO BERNARDO COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2006.

CIP NO: 73-341.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

**PROJECT: 34-87
COUNCIL DISTRICT: 5
COMMUNITY PLAN: MM**

TITLE: MIRAMAR ROAD PIPELINE

DEPARTMENT: WATER

FUNDING:	SOURCE	EXPEN/ENCUM	CONT	APPROP	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
11,867,568	WATER-R	11,867,568								
11,867,568	TOTAL	11,867,568	0		0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES 24,000 LINEAR FEET OF 36-INCH DIAMETER PIPE ALONG MIRAMAR ROAD TO PARALLEL THE EXISTING 16-INCH MIRAMAR ROAD PIPELINE, AND 2,200 LINEAR FEET OF 36-INCH DIAMETER PIPE ALONG SCRIPPS LAKE DRIVE EAST OF INTERSTATE 15.

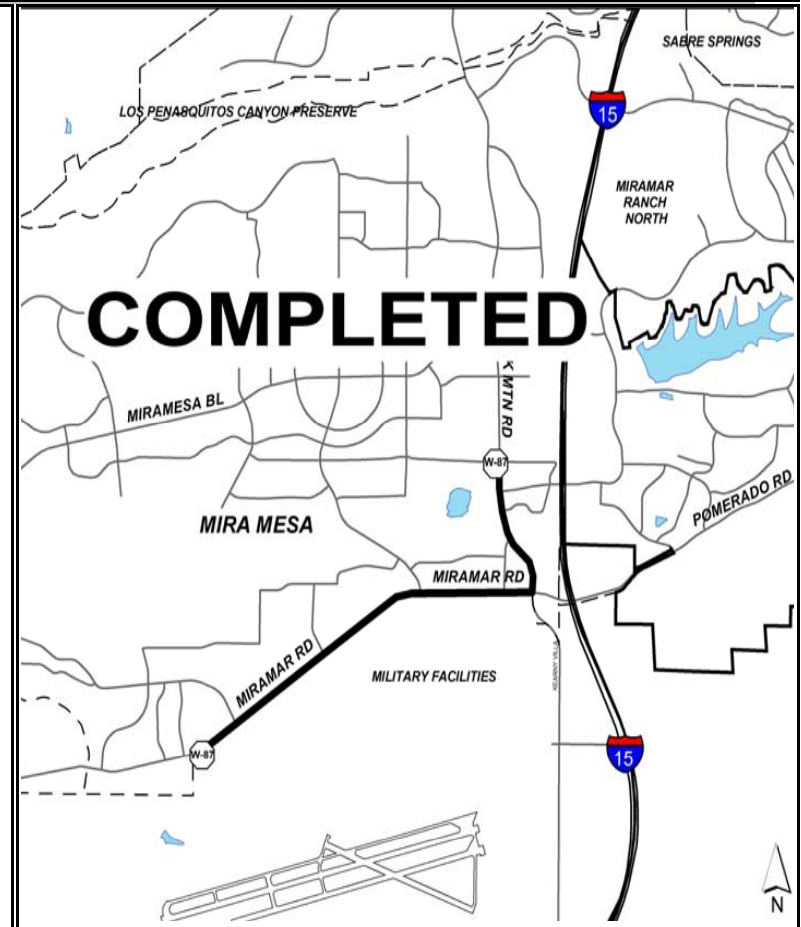
JUSTIFICATION:

LACKING CAPACITY IN ITS TRANSMISSION INFRASTRUCTURE TO DELIVER TREATED WATER TO THE FARTHEST REACHES OF ITS EXPANSIVE SERVICE AREA, THE SERVICE AREA OF THE MIRAMAR TREATMENT PLANT IS, AND INCREASINGLY WILL BE, CRITICALLY RELIANT UPON IMPORTED FILTERED WATER SUPPLIES. FOUR EXISTING CONNECTIONS TO THE SAN DIEGO COUNTY WATER AUTHORITY'S IMPORTED FILTERED WATER AQUEDUCT SYSTEM-THREE IN THE NORTH AND ONE NEAR TIERRASANTA-CURRENTLY SUPPLY TO THE MIRAMAR SYSTEM OVER 33% OF ITS SUMMER DAILY DEMANDS. IT IS THE GOAL OF BOTH THE CITY AND THE SAN DIEGO COUNTY WATER AUTHORITY TO DISSOLVE THE CITY'S RELIANCE UPON IMPORTED TREATED WATER SUPPLIES. THE EXISTING TRANSMISSION INFRASTRUCTURE HAS BEEN UPGRADED TO ALLOW FULL SERVICE FROM THE EXISTING MIRAMAR TREATMENT PLANT. THIS PROJECT IS CONSISTENT WITH THE MIRA MESA COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

SCHEDULE:

DESIGN BEGAN IN FISCAL YEAR 2000 AND WAS COMPLETED IN FISCAL YEAR 2001. CONSTRUCTION BEGAN IN FISCAL YEAR 2001 AND WAS COMPLETED IN FISCAL YEAR 2003.

CIP NO: 70-945.0



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