STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR

CALIFORNIA DEPARTMENT OF WATER RESOURCES
(STATE WATER PROJECT—PEACE VALLEY PIPELINE)

(NPDES NO. CAG994004, SERIES NO. 246)
CI-9307

FACILITY ADDRESS
2 miles North of Pyramid Lake and near 138 and 5 Interstate Freeway

FACILITY MAILING ADDRESS
34534 116th Street East
P.O. Box 1136
Pearblossom, CA 93553

PROJECT DESCRIPTION:

Department of Water Resources (DWR) proposes to discharge groundwater generated during re-construction of Peace Valley Pipeline (PVP). PVP is a primary water conveyance system for the West Branch of the State Water Project. The project site is located in remote mountain ranges north of Pyramid Lake in Angeles National Forest. DWR plans to repair three broken sections of the pipe line that serves as the penstock for the W.E. Warne Power plant at the Pyramid Lake. A desilting tank will be installed to allow sediment to settle out before the groundwater is discharged. Approximately 500,000 gallons per day (gpd) of groundwater will be discharged during the short-term construction project estimated to last approximately 30 days.

VOLUME AND DESCRIPTION OF DISCHARGE:

Four dewatering wells were to be drilled for each repair site. Approximately 0.5 mgd of groundwater will be discharged from these wells into the adjacent Gorman Creek Improvement Channel (GCIC) at three Discharge Points. The GCIC is an auxiliary water conveyance system of the SWP which is located 50 feet to the east of PVP and is used during periods of high water demand on the West Branch of the SWP. GCIC is a concrete lined channel that discharges to Pyramid Lake located in the Santa Clara River Watershed, a water of the United States. The site location map and outfalls location map are shown in Figures 1. The discharge Outfalls locations are listed below:

Discharge Point	Latitude	Longitude
001	34° 43' 11"	118° 47' 58.9"
002	34° 43' 04"	118° 47' 58.5"
003	34° 43' 01"	118° 47' 58.3"

August 9, 2007

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the table below have been determined to show reasonable potential to exist in your discharge. The discharge from the project site flows into Pyramid Lake located in the Santa Clara River Watershed designated as MUN (Existing) beneficial use (Piru Creek above gaging station below Santa Felicia Dam). Therefore the limitations in Attachment B.3.k. of Order No. R4-2003-0111 are applicable to your discharge.

This table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Total Dissolved Solids	mg/L	800	
Sulfate	mg/L	400	
Chloride	mg/L	60	
Boron	mg/L	1.0	
Nitrogen[1]	mg/L	5	
Turbidity	NTU	150	50
BOD_5 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	
Phenols	mg/L	1.0	
Residual Chlorine	mg/L	0.1	
Methylene Blue Active Substances (MBAS)	mg/L	0.5	

FREQUENCY OF DISCHARGE:

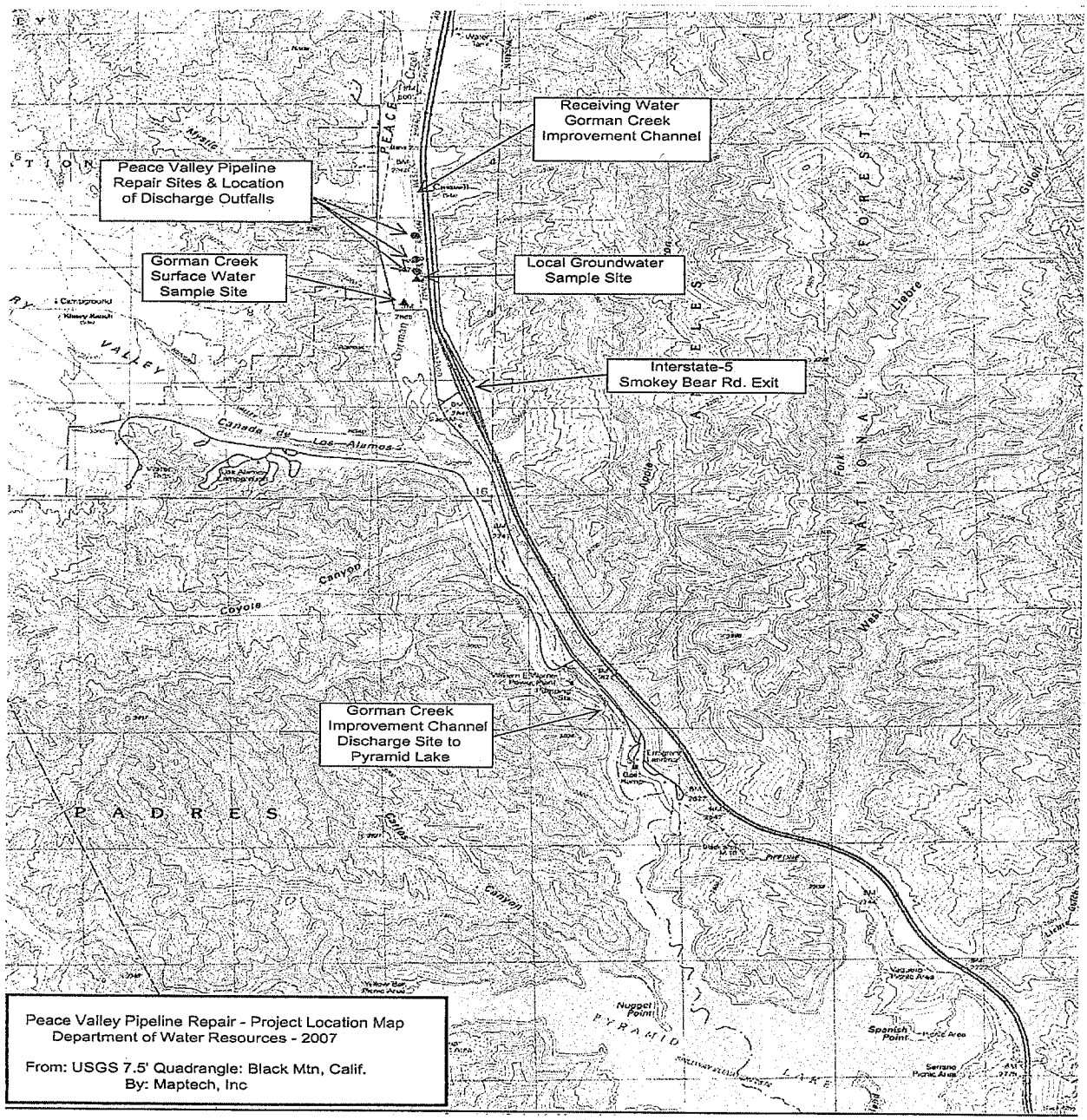
The discharge of groundwater will be intermittent for the construction project duration.

REUSE OF WATER:

Water reuse alternatives and their applicability were evaluated including discharge to ground surface for percolation. Discharge of a large volume of water over time could create problems for the repair work operation and could adversely impact the habitat of native coast horned lizard which is a Department of Fish and Game specie of concern. There are no sewer system nearby to discharge the groundwater and it is not economically feasible to haul the groundwater for off-site disposal. Since there are no other feasible reuse options, the groundwater

[1] Nitrate-nitrogen plus nitrite nitrogen.

generated from the site will be discharged to the Pyramid Lake via Gorman Creek Improvement Channel in accordance with the attached Order.



Peace Valley Pipeline Repair Project
Site Location Map

Figure 1