

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

REVISED FACT SHEET

WASTE DISCHARGE REQUIREMENTS

FOR

CASTAIC LAKE WATER AGENCY
(Earl Schmidt Filtration Plant and Rio Vista Treatment Plant
Hydrostatic Test & Overflow Discharges)

NPDES NO. CAG674001
CI-8958

FACILITY ADDRESS

Earl Schmidt Filtration Plant: 32700 Lake
Hughes Road, Castaic, CA 91384
Rio Vista Water Treatment Plant: 27234
Bouquet Canyon Road, Santa Clarita, CA
91350

FACILITY MAILING ADDRESS

27234 Bouquet Canyon Road, Santa Clarita,
CA 91350

PROJECT DESCRIPTION:

Castaic Lake Water Agency (CLWA) discharges hydrostatic test water and domestic water supply overflows from the Earl Schmidt Filtration Plant and Rio Vista treatment Plant. CLWA pumps water from Castaic Lake to the treatment plants and distributes the potable water to local water purveyors through a distribution system consisting of 20 miles of cement-lined steel pipes. Authorization for the discharge from the subject facilities is regulated under General NPDES Permit No. CAG674001 (Order No. R4-2009-0068) that was issued to (CLWA) on October 21, 2009. This Fact Sheet is being revised to include coverage under the general NPDES permit for additional 70 new outfall locations to discharge hydrostatic test water and overflow water.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 16 million gallons per day (MGD) of hydrostatic test water and/or overflow water will be discharged through the following Outfalls listed below. The discharges are intermittent and last about a week. The discharges flow into the Santa Clara River, a water of the United States. The site locations are shown in Figures 1.A. and 1.B. and 1C..

December 8, 2009

Castaic Lake Water Agency
(Earl Schmidt Filtration Plant and Rio Vista Treatment Plant
Hydrostatic Test and Overflow Discharge)

CI-8958

<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>
#M-001 (Pump Out 1)	34°27'12"	118°35'54"
#M-002 (Pump Out 2)	34°27'59"	118°36'28"
#M-003 (Pump Out 3)	34°25'31"	118°31'08"
#M-004 (Pump Out 4)	34°25'32"	118°30'44"
#M-005 (Pump Out 5)	34°25'36"	118°29'36"
#M-006 (Pump Out 6)	34°25'24"	118°29'02"
#M-007 (Pump Out 7)	34°25'24"	118°29'02"
#M-008 (Pump Out 8)	34°24'57"	118°28'36"
#M-009 (Pump Out 9)	34°24'54"	118°28'31"
#M-010 (Pump Out 10)	34°24'50"	118°28'22"
#M-011 (Pump Out 11)	34°24'46"	118°28'01"
#M-012 (Pump Out 12)	34°24'45"	118°27'54"
#M-013 (Pump Out 13)	34°24'45"	118°27'50"
#M-014 (Pump Out 14)	34°24'46"	118°27'41"
#M-015 (Pump Out 15)	34°24'48"	118°27'25"
#M-016 (Pump Out 16)	34°24'52"	118°26'57"
#M-017 (Pump Out 18)	34°24'54"	118°26'42"
#M-018 (Pump Out 19)	34°24'59"	118°26'26"
#M-019 (Pump Out 20)	34°25'02"	118°26'20"
#M-020 (Pump Out 21)	34°25'03"	118°26'19"
#M-021 (Pump Out 22)	34°25'53"	118°29'39"
#M-022 (Pump Out 23)	34°25'36"	118°29'38"
#M-023 (Pump Out 24)	34°27'28"	118°37'03"
#M-024 (Pump Out 25)	34°27'28"	118°36'00"
#M-025 (Pump Out 26)	34°29'56"	118°36'13"
#M-001 (Pump Out 1)	34°27'12"	118°35'54"
#M-002 (Pump Out 2)	34°27'59"	118°36'28"
#M-003 (Pump Out 3)	34°25'31"	118°31'08"
#M-004 (Pump Out 4)	34°25'32"	118°30'44"
#M-005 (Pump Out 5)	34°25'36"	118°29'36"
#M-006 (Pump Out 6)	34°25'24"	118°29'02"
#M-007 (Pump Out 7)	34°25'24"	118°29'02"
#M-008 (Pump Out 8)	34°24'57"	118°28'36"
#M-009 (Pump Out 9)	34°24'54"	118°28'31"
#M-010 (Pump Out 10)	34°24'50"	118°28'22"
#M-011 (Pump Out 11)	34°24'46"	118°28'01"
#M-012 (Pump Out 12)	34°24'45"	118°27'54"
#M-013 (Pump Out 13)	34°24'45"	118°27'50"
#M-014 (Pump Out 14)	34°24'46"	118°27'41"
#M-015 (Pump Out 15)	34°24'48"	118°27'25"
#M-016 (Pump Out 16)	34°24'52"	118°26'57"
#M-017 (Pump Out 18)	34°24'54"	118°26'42"
#M-018 (Pump Out 19)	34°24'59"	118°26'26"
#M-019 (Pump Out 20)	34°25'02"	118°26'20"
#M-020 (Pump Out 21)	34°25'03"	118°26'19"
#M-021 (Pump Out 22)	34°25'53"	118°29'39"
#M-022 (Pump Out 23)	34°25'36"	118°29'38"
#M-023 (Pump Out 24)	34°27'28"	118°37'03"
#M-024 (Pump Out 25)	34°27'28"	118°36'00"

Castaic Lake Water Agency
(Earl Schmidt Filtration Plant and Rio Vista Treatment Plant
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<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>
#M-025 (Pump Out 26)	34°29'56"	118°36'13"
#M-026 (Pump Out 27)	34°23'58"	118°32'27"
#M-027 (Pump Out 28)	34°25'50"	118°32'05"
#M-028 (Pump Out 29)	34°25'35"	118°32'11"
#M-029 (Pump Out 30)	34°25'40"	118°31'08"
#M-030 (Pump Out 31)	34°27'39"	118°36'17"
#M-031 (Pump Out 32)	34°28'16"	118°36'32"
#M-032 (Pump Out 33)	34°28'39"	118°36'31"
#M-033 (Pump Out 34)	34°28'39"	118°36'31"
#M-034 (Pump Out 36)	34°26'35"	118°34'50"
#M-035 (Pump Out 37)	34°26'35"	118°35'00"
#M-036 (Pump Out 39)	34°26'40"	118°35'17"
#M-037 (Pump Out 40)	34°26'36"	118°35'06"
#M-038 (Pump Out 41)	34°26'47"	118°35'22"
#M-039 (Pump Out 42)	34°26'50"	118°35'27"
#M-040 (Pump Out 43)	34°26'57"	118°35'36"
#M-041 (Pump Out 53)	34°28'46"	118°36'46"
#M-042 (Pump Out 55)	34°25'27"	118°34'55"
#M-043 (Pump Out 56)	34°25'23"	118°35'01"
#M-044 (Pump Out 57)	34°25'27"	118°34'46"
#M-045 (Pump Out 58)	34°25'26"	118°34'30"
#M-046 (Pump Out 59)	34°25'27"	118°34'35"
#M-047 (Pump Out 60)	34°25'31"	118°31'11"
#M-048 (Pump Out 61)	34°25'35"	118°32'11"
#M-049 (Pump Out 62)	34°25'32"	118°32'34"
#M-050 (Pump Out 63)	34°25'30"	118°32'21"
#M-051 (Pump Out 64)	34°25'31"	118°32'22"
#M-052 (Pump Out 65)	34°25'33"	118°32'49"
#M-053 (Pump Out 66)	34°25'33"	118°33'05"
#M-054 (Pump Out 67)	34°25'36"	118°33'31"
#M-055 (Pump Out 68)	34°25'35"	118°33'29"
#M-054 (Pump Out 69)	34°25'24"	118°33'46"
#M-055 (Pump Out 70)	34°25'37"	118°32'16"
#M-056 (Pump Out 72)	34°29'21"	118°36'53"
#M-057 (Pump Out 73)	34°29'20"	118°36'59"
#M-058 (Pump Out 74)	34°29'09"	118°36'56"
#M-059 (Pump Out 75)	34°28'55"	118°36'29"
#M-060 (Pump Out 76)	34°28'55"	118°36'36"
#M-061 (Pump Out 77)	34°28'55"	118°36'44"
#M-062 (Pump Out 78)	34°28'54"	118°36'47"
#M-063 (Pump Out 79)	34°29'12"	118°36'58"
#M-064 (Pump Out 80)	34°26'18"	118°34'03"
#M-065 (Pump Out 81)	34°26'29"	118°34'21"
#M-066 (Pump Out 82)	34°26'32"	118°34'45"
#M-067 (Pump Out 83)	34°26'39"	118°34'46"
#M-068 (Pump Out 84)	34°25'23"	118°32'47"
#M-069 (Pump Out 85)	34°24'51"	118°32'34"
#M-070 (Pump Out 86)	34°24'45"	118°32'38"

<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>
#M-071 (Pump Out 87)	34°24'03"	118°32'26"
#M-072 (Pump Out 88)	34°24'14"	118°32'27"
#M-073 (Pump Out 89)	34°24'24"	118°32'29"
#M-074 (Pump Out 90)	34°24'37"	118°32'34"
#M-075 (Pump Out 91)	34°24'53"	118°32'41"
#M-076 (Pump Out 92)	34°24'53"	118°32'42"
#M-077 (Pump Out 93)	34°25'02"	118°32'56"
#M-078 (Pump Out 94)	34°25'11"	118°33'10"
#M-079 (Pump Out 95)	34°25'13"	118°33'14"
#M-080 (Pump Out 96)	34°25'27"	118°33'42"
#M-081 (Pump Out 97)	34°25'26"	118°33'43"
#M-082 (Pump Out 98)	34°25'05"	118°32'55"
#M-083 (Pump Out 99)	34°27'30"	118°36'54"
#M-084 (Pump Out 100)	34°27'30"	118°36'54"
#M-085 (Pump Out 101)	34°27'32"	118°36'38"
#M-086 (Pump Out 102)	34°27'27"	118°37'02"
#M-087 (Pump Out 103)	34°25'27"	118°34'11"
#M-088 (Pump Out 104)	34°25'24"	118°33'46"
#M-089 (Pump Out 133)	34°23'57"	118°32'21"
#M-090 (Pump Out 143)	34°23'59"	118°32'27"
#M-091 (Pump Out 144)	34°26'33"	118°34'45"
#M-092 (Pump Out 150)	34°25'45"	118°31'07"

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplement Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into the Santa Clara River between Bouquet Canyon Road Bridge and West Pier Highway 99. Therefore, effluent limitations in Attachment B.3.c. are applicable to the discharge.

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	1000	---
Sulfate	mg/L	300	---
Chloride	mg/L	100	---
Boron	mg/L	1.5	---
Nitrogen ¹	mg/L	10	---
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50

¹ Nitrate-nitrogen plus nitrite-nitrogen

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
BOD ₅ 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---

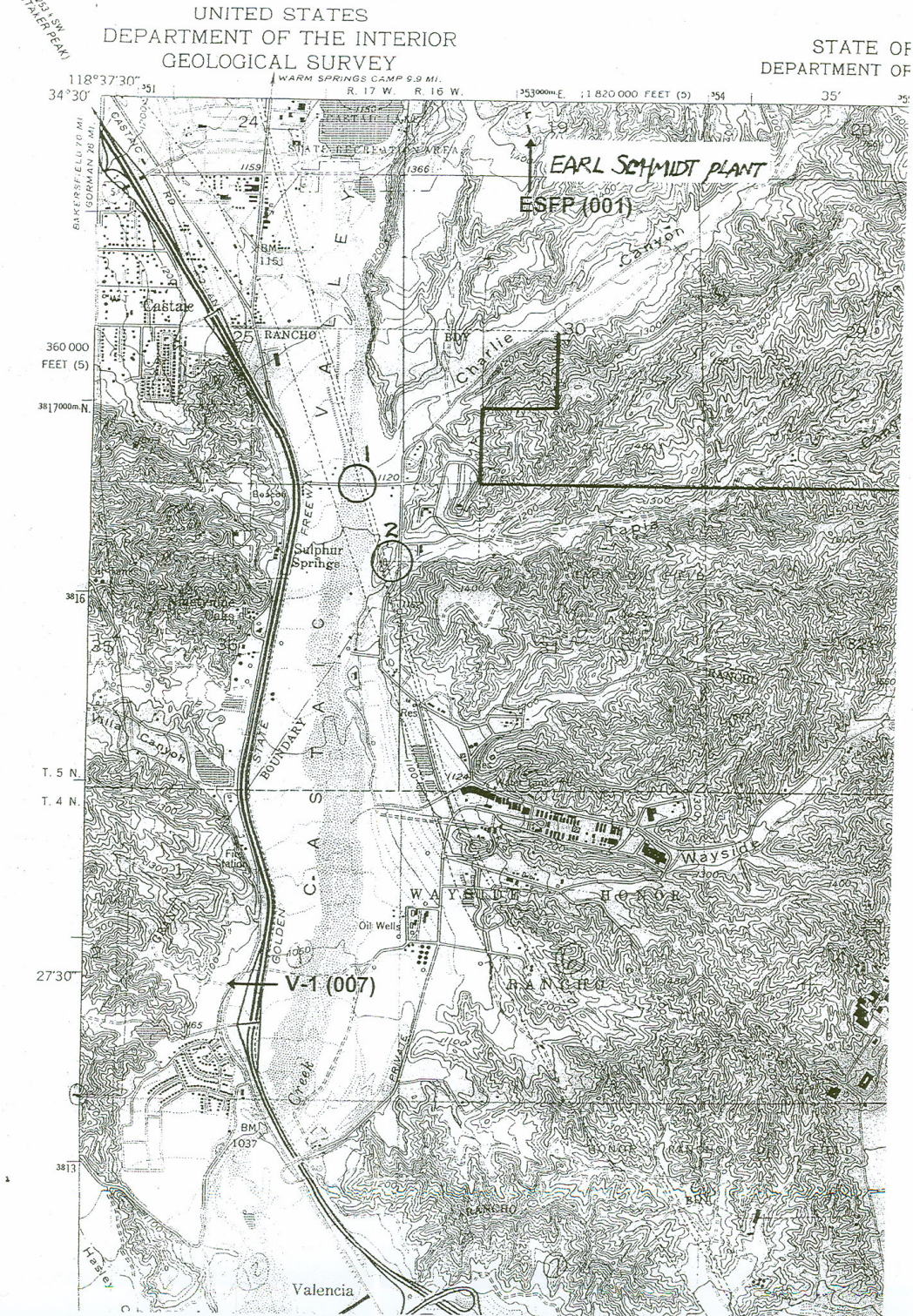
FREQUENCY OF DISCHARGE:

The discharges from the outfalls are intermittent and last about a week.

REUSE OF WATER:

It is not feasible to discharge the hydrostatic or overflow water to the sanitary sewer system. It is not economically feasible to haul the water for off-site disposal. There are no feasible reuse options for the discharge. Therefore, the hydrostatic test water and overflow water will be discharged into the nearby creeks and/or river.

FIGURE 1.A.



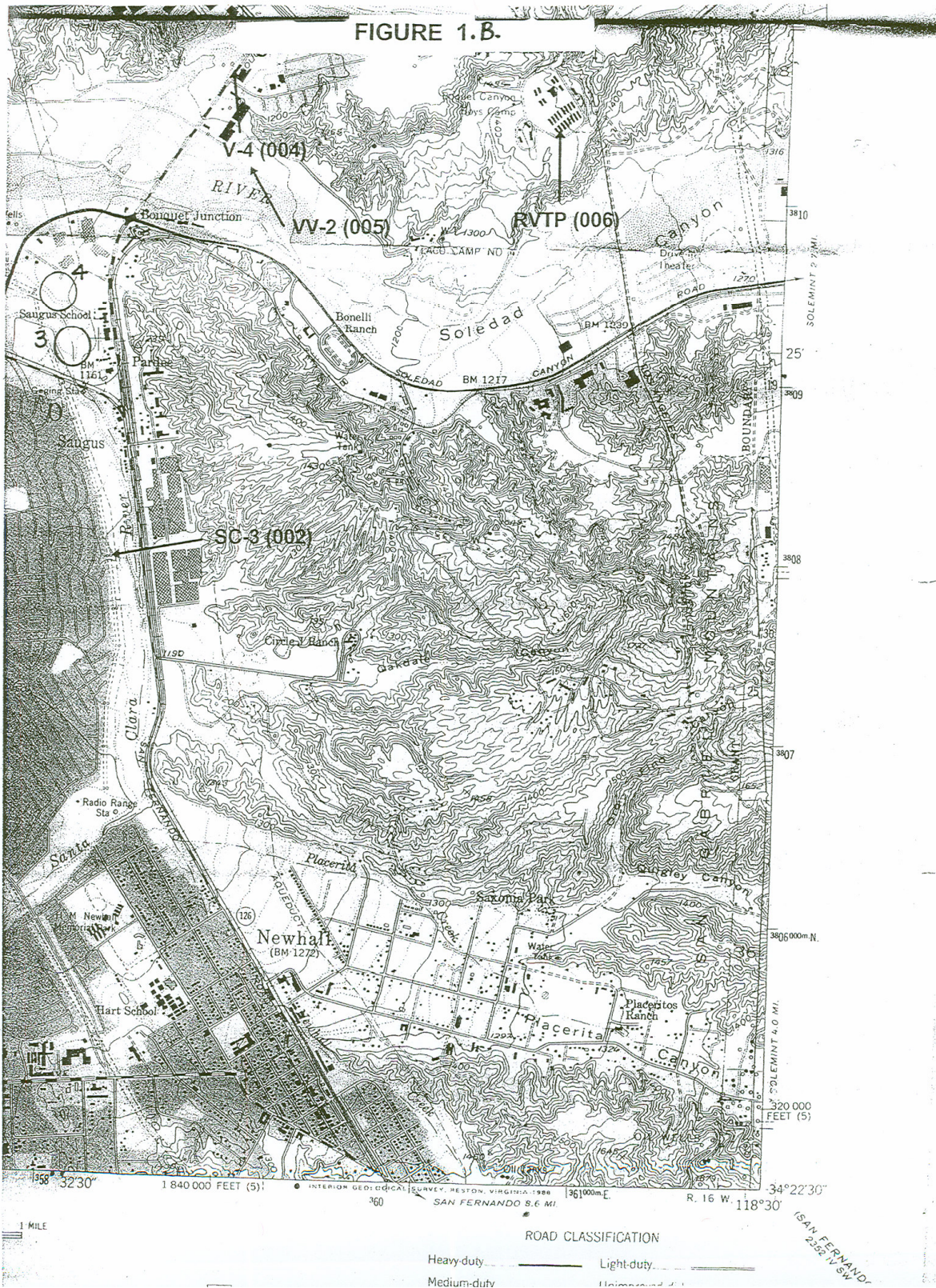


FIGURE 1.C.

