

**State of California**  
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**LOS ANGELES REGION**  
**320 West 4th Street, Suite 200, Los Angeles**  
**REVISED FACT SHEET**  
**WASTE DISCHARGE REQUIREMENTS**  
**FOR**  
**CITY OF ARCADIA PUBLIC WORKS SERVICES DEPARTMENT**  
**(Colorado Well Aquifer Testing, Development, and Start-Up Project)**  
**NPDES NO. CAG994005**  
**CI-9216**

**FACILITATION LOCATION**

500 W. Colorado Street  
 Arcadia, CA 91007

**FACILITY MAILING ADDRESS**

11800 Goldring Road  
 Arcadia, CA 91006

**PROJECT DESCRIPTION**

General NPDES Permit Order No. R4-2003-0108 was issued to the City of Arcadia (The City) on December 13, 2006, for discharge of City's Colorado Well development and start-up water to the Los Angeles River through Rio Hondo. This Fact Sheet is being revised to include coverage under the General NPDES Permit for discharge of groundwater from three additional City's potable wells, namely, Longley Well No. 2, No. 3 and Camino Real Well No. 3. The City proposes to construct Longley Well No. 3 and Camino Real Well No. 3 which located at 2401 El Monte Avenue, and 141 E. Camino Real Avenue, Arcadia, respectively. The City is going to conduct rehabilitation of one existing well, Longley Well No.2 located at 1231 E. Longden avenue, arcadia. The development and start-up water as well as water from well cleaning and maintenance from these three wells will flow into Rio Hondo which drains to the los Angeles River. To properly test the aquifer and the potable water supply well pumps, the City proposes to discharge up to 1.68 million gallons per day (MGD) of groundwater during approximately one to two weeks of each activity. Baker tanks will be used for settling suspended solids prior to discharge.

**VOLUME AND DESCRIPTION OF DISCHARGE**

All groundwater discharge from the Colorado Well and three aforementioned wells will be discharged to Rio Hondo which flows to the Los Angeles River, a water of the United States. The site location map is shown as Figure 1.

Outfall	City Potable Well	Latitude	Longitude
1	Colorado Well	34°08'45"	118°03'15"
2	Longley Well No. 2	34°06'53"	118°00'25"
3	Longley Well No. 3	34°06'40"	118°02'19"
4	Camino Real No. 3	34°07'21"	118°01'35"

July 23, 2009

**APPLICABLE EFFLUENT LIMITATIONS**

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharge from the project flows into Rio Hondo, upstream of Whittier Narrows Flood Control Basin. Therefore, the discharge limitations specified in Attachment B.7.g. 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 Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	150	---
Nitrogen (Nitrate-N + Nitrite-N)	mg/L	8.0	---
Residual Chlorine	mg/L	0.1	---

**FREQUENCY OF DISCHARGE**

The intermittent discharge will last approximately one to two weeks for each activity.

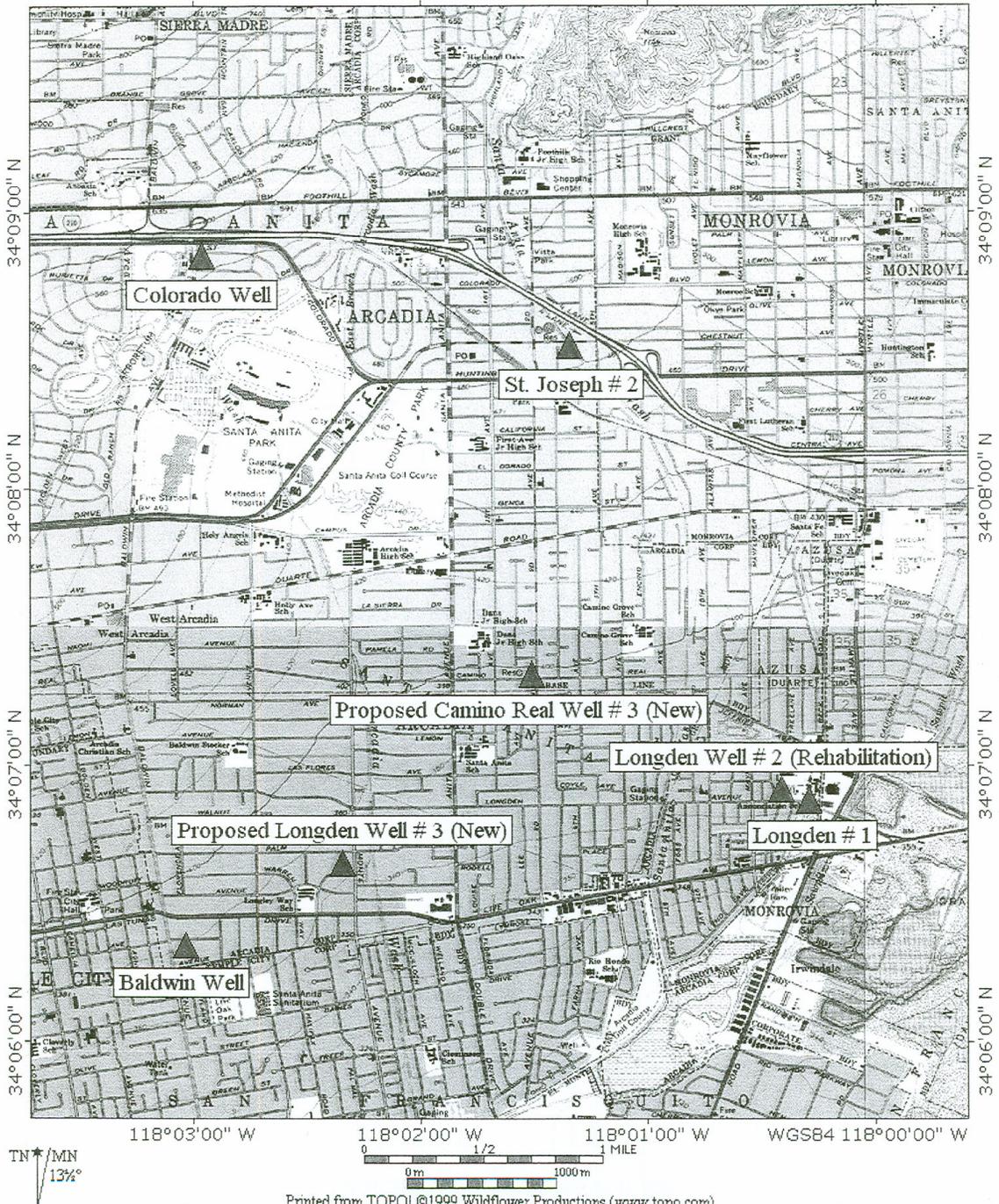
**REUSE OF WATER**

It is not economically feasible to haul the groundwater off-site and that it is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for this large volume short-term discharge. Therefore, the groundwater will be discharged to the wash in compliance with the requirements of the attached order.

**FIGURE 1**

TOPO! map printed on 07/13/09 from "LA.tpo" and "Untitled.tpg"

118°03'00" W 118°02'00" W 118°01'00" W WGS84 118°00'00" W



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**Attachment 1**