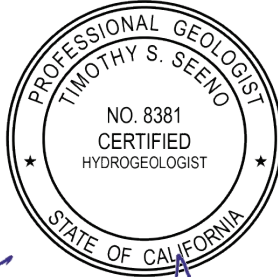
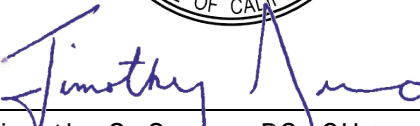


Groundwater System Improvement Study Remedial Investigation Update Report

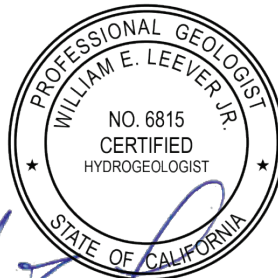
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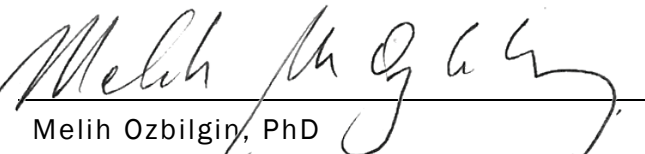
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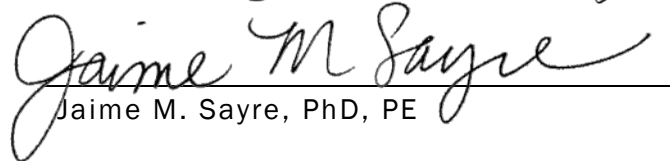


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List of Abbreviations

µg/L	microgram(s) per liter	DDT	dichloro-diphenyl-trichloroethane
µmhos/cm	micro units of conductivity per centimeter	DDW	State Water Resources Control Board Division of Drinking Water
%R	percent recovery	DEHP	bis(2-ethylhexyl)phthalate
1,1-DCE	1,1-Dichloroethene	DGA	data gap analysis
1,1,1-TCA	1,1,1-trichloroethane	DMNA	dimethylnitrosamine
1,2-DCA	1,2-Dichloroethane	DO	dissolved oxygen
1,2,3-TCP	1,2,3-Trichloropropane	DQO	data quality objective
3D	three-dimensional	DTSC	California Department of Toxic Substances Control
AB	Assembly Bill	<i>E. coli</i>	<i>Escherichia coli</i>
AF	acre-foot/feet	ETo	evapotranspiration
AFY	acre-foot/feet per year	F _{oc}	fraction of organic carbon
AL	action level	FFS	Focused Feasibility Study
AMEC	AMEC Environment & Infrastructure	ft/day	feet per day
AOC	Agreement and Order on Consent	ft ² /day	square feet per day
ARAR	applicable relevant and appropriate requirement	FS	Feasibility Study
ARM	absolute residual mean	FSP	Field Sampling Plan
ASTM	American Society for Testing and Materials	ft/ft	foot/feet vertical per 1 foot horizontal
BC	Brown and Caldwell	GAC	granular activated carbon
bgs	below ground surface	GCOU	Glendale Chromium Operable Unit
BOU	Burbank Operable Unit	GHB	General Head Boundary
Ca	calcium	GIS	Geographic Information System
CCV	continuing calibration verification	GMP	Groundwater Monitoring Program
CDWR	California Department of Water Resources	GNL	General Notice Letter
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	GNOU	Glendale North Operable Unit
CFR	Code of Federal Regulations	gpm	gallon(s) per minute
cfs	cubic foot/feet per second	GRG	Glendale Respondents Group
CFU/mL	colony forming unit(s) per milliliter	GSIS	Groundwater System Improvement Study
cis-1,2-DCE	cis-1,2-Dichloroethene	GSOU	Glendale South Operable Unit
City	City of Los Angeles	GWMR	Groundwater Monitoring Report
Cl	chloride	H ⁺	hydrogen ion
CO ₃	carbonate	HASP	Health and Safety Plan
COC	chemical of concern	HCO ₃	bicarbonate
COPC	chemical of potential concern	HCSM	Hydrogeologic Conceptual Site Model
Cr(VI)	hexavalent chromium	HFB	Horizontal Flow Barrier
CTET	carbon tetrachloride	Honeywell	Honeywell International, Inc.
DCA	dichloroethane	HPC	Heterotrophic Plate Count
DCE	dichloroethene	ICS	interface check samples

ICV	initial calibration verification	NL	notification level
IDW	investigative derived waste	NO ₃	nitrate
ISI	Integrated Site Investigation	NPDES	National Pollutant Discharge Elimination System
JMM	James M. Montgomery	NPL	National Priorities List
Judgment	<i>Judgment of the California Superior Court in Case No. 650079, The City of Los Angeles vs. The City of San Fernando, et al., dated January 26, 1979</i>	NRCS	National Resources Conservation Service
K	potassium	OH ⁻	hydroxide ion
K _D	distribution coefficient	OCR	optical character recognition
K _{oc}	organic carbon-water partition coefficient	ORP	oxidation reduction potential
LAA	Los Angeles Aqueduct	OU	operable unit
LACDPW	Los Angeles County Department of Public Works	PCB	polychlorinated biphenyl
LACFCD	Los Angeles County Flood Control District	PCE	tetrachloroethene
LADWP	Los Angeles Department of Water and Power	pCi/L	picocuries per liter
LCS	laboratory control sample	PDF	Portable Document Format
LCSD	laboratory-control sample duplicate	PHG	preliminary health goal
LIMS	Laboratory Information Management System	PRP	potentially responsible party
LLCCV	low-level continuing calibration verification	PSD	Public Service Department
LTMO	Long-Term Monitoring Optimization	QA/QC	quality assurance/quality control
MCL	maximum contaminant level	QAPP	Quality Assurance Project Plan
meq	milliequivalent(s)	QC	quality control
Mg	magnesium	RAO	Remedial Action Objective
mg/L	milligram(s) per liter	RD	Remedial Design
MODFLOW	modular finite-difference flow model	RI	Remedial Investigation
MRL	method reporting limit	RM	residual mean
MS/MSD	matrix spike/matrix spike duplicate	RMSE	root mean squared error
msl	mean sea level	ROD	Record of Decision
MTBE	methyl tertiary butyl ether	ROR	Report of Referee
MWD	Metropolitan Water District	RPD	relative percent difference
Na	sodium	RSD	relative standard deviation
NDMA	n-Nitrosodimethylamine	RSL	Regional Screening Levels
ND	not detected	RT	Rinaldi-Toluca
ng/L	nanograms per liter	RWQCB	Regional Water Quality Control Board
NFA	No Further Action	SAP	Sampling and Analysis Plan
NH	North Hollywood	SFB	San Fernando Basin
NHOU	North Hollywood Operable Unit	SFBGM	San Fernando Basin Groundwater Model
NHE	North Hollywood East	SFV	San Fernando Valley
NHW	North Hollywood West	SMCL	secondary maximum contaminant level
		SNL	Special Notice Letter
		SO ₄	sulfate
		SVOC	semi-volatile organic compound
		SWRCB	State Water Resources Control Board

TCE	trichloroethene
TCP	trichloropropane
TDS	total dissolved solids
TJ	Tujunga
TON	threshold odor number
TVD	Total Variation Diminishing
ULARA	Upper Los Angeles River Area
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VOC	volatile organic compound
Weck	Weck Laboratories, Inc.
WRP	water reclamation plant
WY	water year (10/1 – 9/30)
ZIST™	Zone Isolation Sampling Technology

