

ENVIRONMENTAL OVERVIEW

TABLE 1.
SUMMARY OF ENVIRONMENTAL SITES IN THE VICINITY OF SCHWARTZMAN INC. PROPERTIES

Site Number	Site	Status	Nature of Contaminants	Notes
1	Former Air Force Plant 83/General Electric (GEA) - South Valley Superfund Site	Active	Chlorinated solvents	- Soil contamination remediated with soil vapor extraction system in the early 1990s. - Shallow aquifer was remediated by groundwater extraction with treatment beginning in 1994. Operable unit for shallow groundwater achieved closure on 11/29/2011. - Chlorinated solvents exceeded Applicable or Relevant and Appropriate Requirements in the deep zone aquifer in three off-site wells in 2016/2017. - Deep zone remediation system began in 1996 and is currently in operation.
2	Former Texaco Bulk Terminal	Closed	Hydrocarbons	- Soil contamination remediated with soil vapor extraction system. - Groundwater contamination remediated with pump and treat and natural attenuation. - Compliance monitoring completed. - Closed 3/23/2016.
3	Former Chevron Bulk Terminal	Active	Hydrocarbons	- Soil contamination remediated with with a soil vapor extraction system. - Groundwater contamination was remediated with a phase-separated hydrocarbon (PSH) recovery system, air sparging, and use of a groundwater containment system. - Monitored natural attenuation is currently used to remediate the site. - The deep (shallow) zone has been remediated with all compliance wells meeting remediation standards. - As of 2017, hydrocarbons exceeded Hydrocarbon Remediation Agreement Standards in select shallow wells, but concentrations in downgradient wells were below standards indicating that contaminants are remaining on-site.

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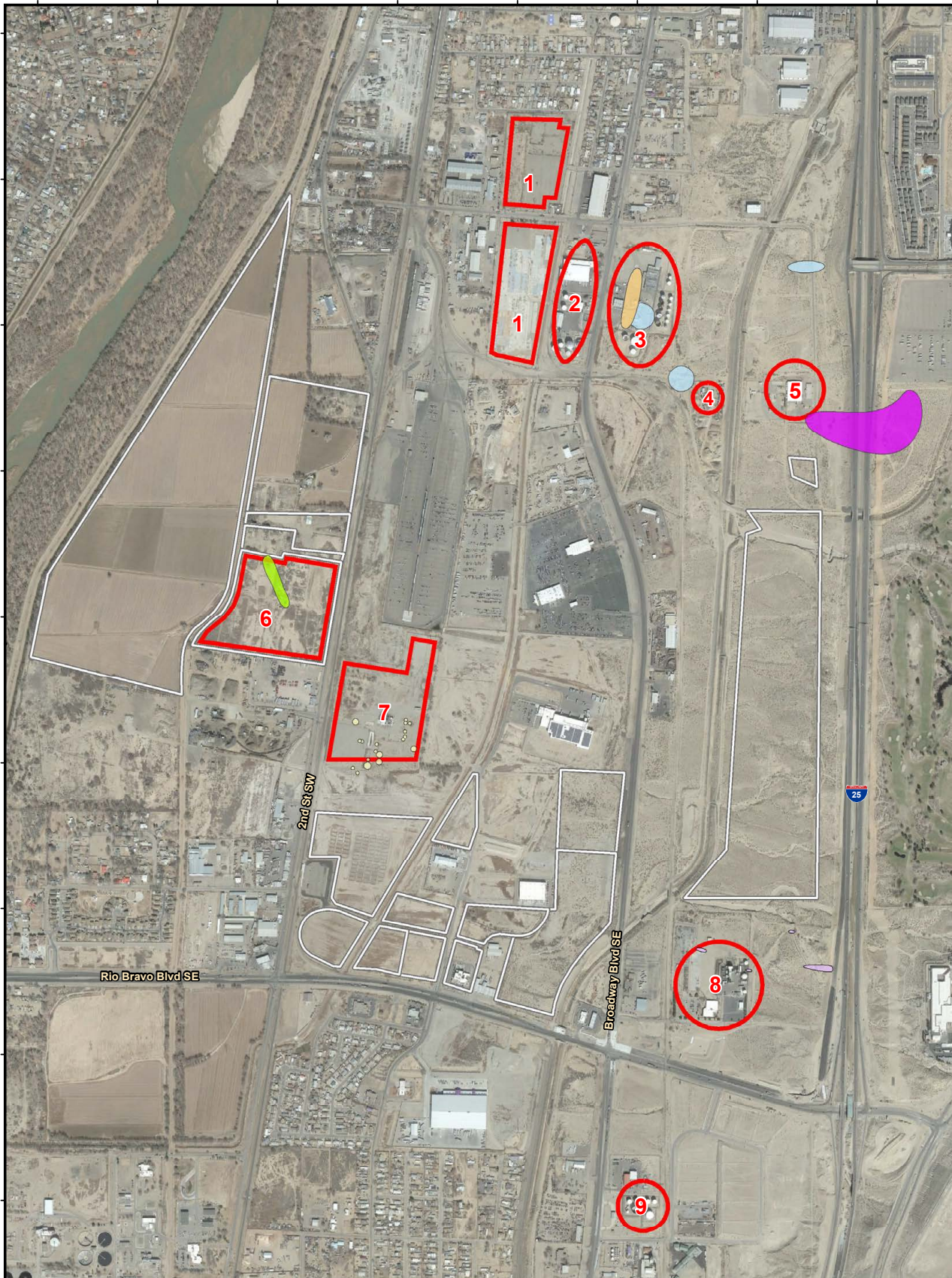
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4	ATA San Jose Pipeline	Closed	Hydrocarbons	- Soil contamination was remediated with a long-term vapor extraction system operated until July 2004. - Site closed 5/7/2009.
5	Univar USA Inc. - South Valley Superfund Site	Active	Chlorinated solvent, 1,4-Dioxane	- Groundwater extraction with treatment and vapor extraction systems were used historically to remove chlorinated solvents from groundwater. - As of 2017, 1,4-Dioxane exceeded offsite cleanup goal in shallow groundwater. - 1,4-dioxane treatment system began operation in February 2018.
6	Schwartzman Leaking Underground Storage Tank	Active	Hydrocarbons, metals	- Corrective actions at the site include soil excavation and construction of a land treatment unit. - Groundwater extraction system was operated from March 1994 to October 1995. - Manganese and iron exceed NMWQCC standards in at least one well as of 2018.
7	ATSF Tie Treating Facility	Active	Creosote (SVOCs and NAPL)	- A groundwater treatment plant currently extracts non-aqueous phase liquids and impacted groundwater. - As of 2017, SVOC concentrations exceed Groundwater Remediation Goal and NAPL is present in several on-site wells.

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Site Number	Site	Status	Nature of Contaminants	Notes
8	PNM Person Station	Active	Chlorinated solvents, hydrocarbons, metals	- Groundwater treatment system is currently operated to remediate groundwater. - Analytes were not detected above post-closure care permit concentration limits as of 2017, but PCE has been detected above limits in the recent past. - Dissolved chromium is not on the permit, but was detected above standard in 2017. Dissolved chromium has not been detected historically and is believed to be sourced from a corroded well screen.
9	Former Conoco Bulk Plant	Closed	Hydrocarbons	- Contamination at the site was remediated with air sparging, soil vapor extraction, and monitored natural attenuation. - Closed 9/11/2012.



LEGEND:

- Schwartzman Property
- Environmental Site

Plumes

- ATSF - Creosote (2018)
- Chevron - Hydrocarbon (2017)
- GEA - Chlorinated Solvent (2016-2017)
- PNM - Chlorinated Solvent
- Schwartzman - Manganese and Iron (2018)
- Univar - 1,4 Dioxane (2017)

Former and Existing Environmental Sites
1 - Former Air Force Plant 83/General Electric (GEA)

- 2 - Former Texaco Bulk Terminal
- 3 - Former Chevron Bulk Terminal
- 4 - ATA San Jose Pipeline
- 5 - Univar USA Inc.
- 6 - Schwartzman Inc.
- 7 - ATSF Tie Treating
- 8 - PNM Person Station

REFERENCES

Aerial Photography: NAIP, 2011
PLSS: BLM, 2000
Projection: State Plane NAD 83 New Mexico Central (feet)

400 200 0 400
FEET

SCALE 1:12,500 1" = 1,041.666667 FT
WHEN PRODUCED AT 11X17IN

PROJECT			
SCHWARTZMAN INC. ALBUQUERQUE, NEW MEXICO			
TITLE			
GROUNDWATER CONTAMINATION IN THE VICINITY OF SCHWARTZMAN PROPERTIES			
PROJECT No.		SCALE AS SHOWN	
DESIGN	NA	FIGURE 1	REV 0
GIS	RM		
CHECK			
REVIEW			

