

Site Information

January 1999

| Local Agency | Other Contaminants Present | Contaminant Trend | Trend Time (quarters) | Current MTBE (ppb) | Current Date | Current Source | High MTBE (ppb) | High Date | High Source | Analytical Test Method |
|--------------|----------------------------|--|-----------------------|--------------------|--------------|----------------|-----------------|-----------|-------------|------------------------|
| 1 El Dorado | yes | increasing | 5 | 2,084 | 4/2/98 | GW | 2,084 | 4/2/98 | GW | NA |
| 2 El Dorado | yes | None | 0 | 212 | 8/28/98 | GW in MW-2 | 2121 | 8/28/98 | GW in MW-2 | 8260 |
| 3 El Dorado | some at GPT13-10 in soil | None | 0 | 3900 | 6/1/98 | GW | 3900 | 6/1/98 | GW | 8260 |
| 4 El Dorado | None | None | 0 | 180 | 2/1/98 | soil | 410 | 3/1/98 | GW | 8240 for soil |
| 5 El Dorado | yes, but not in all wells | Not clear, remediation w/hydrogen peroxide was use | 0 | 89,000 | 6/26/98 | GW | 89,000 | 6/26/98 | GW | 8260 |

| Dispenser Containment Dispenser Leaks | Sump Containment Sump Leaks | Secondary Containment Material Secondary Containment Leaks | Single Walled Piping Material Single Walled Piping Leaks |
|---|--|---|---|
| Y Brovo Box, water in the dispenser area, float switches not working | Y Yes, water in the sumps and sensors pulled up | FRP | |
| Y | Y None visible | flex | |
| Y leak in piping under disp.and in flex con., liquid in the diesel dispenser | Y Yes, penetration fitting incorrectly installed | corrogated with clamps yes, product in the sumps and none in one that had a primary leak | |
| Y WF deep box, seeping and leaking evident from varnished piping | Y none apparent | FRP none apparent | |
| Y boxes showed evidence of past leaks, piping varnished | Y Yes, water and product in the sumps & sensors pulled up | Total Containment | |

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| 6 El Dorado | yes in some wells | NA | 0 | 839 | 8/12/98 | Total purgable | 1,600 | 9/25/97 | GW | 8260 |
| 7 El Dorado | Yes, there is floating product in the recovery well (9.25') and in the monitoring wells. | Increasing in some and not in others, remediation at site | 0 | 1,230,000 | 4/18/98 | GW in RW-1 | 1,230,000 | 4/18/98 | GW in RW-1 | NA |
| 8 San Jose Fire | VE wells have other constituents but not the GW MWs. | increasing | 2 | 15 | 9/19/98 | GW | VE-2 73,000, VE | 9/19/98 | Vapor extraction well | 8020 |
| 9 San Jose Fire | yes, in MW-3&5 near the tank and dispensers. | decreasing although last month up | 6 | 2,000 | 5/11/98 | GW | 21,000 | 5/31/95 | GW for MW-2, destroyed on 7/17/95 | NA |
| 10 San Jose Fire | yes, benzene | increasing | 4 | 250,000 | 4/6/98 | GW | 280,000 | 4/6/98 | GW | NA |

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|--|---|---|---|
| N Area under one dispenser was contaminated | N Yes, area around turbines was heavily contaminated | | |
| N Piping under dispenser was stained. | Y Yes, liquid in sumps & sensors pulled up. | FRP Secondary not visible from dispenser end | |
| N Piping leaking above shear valve, filters turned upside down draining | Y one sump had penetrations sealed so trench could not drain, sensors not functional | trench dry, system not in use | |
| Y none visible | Y none visible | FRP | |
| N one dispenser was leaking | Y Yes, corrugated metal drain pipe not attached to the tank, strong odor | FRP trench possibly from the trench | |

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| 11 San Jose Fire | yes, all constituents | decreasing | 3 | 54,000 | 2/13/98 | GW in recovery well-1 | 120,000 | 8/8/97 | GW in recovery well-1 | 8020 |
| 12 San Jose Fire | yes | many peaks | 10 | 110,000 | 6/25/98 | GP-1 at a depth of 9', leading edge of the plume | 110,000 | 6/25/98 | GP-1 at a depth of 9' | 602 |
| 13 San Jose Fire | yes, Benzene | increasing 3 decreasing 1 | 0 | 75,000 | 6/30/98 | GW in MW-3 | 75,000 | 6/30/98 | GW in MW-3 | 8260 |
| 14 San Jose Fire | yes, all other constituents present | None | 0 | 29,000 | 8/14/97 | GW in MW-5 | 29,000 | 8/14/98 | GW in MW-5 | 8240 |
| 15 San Jose Fire | NO | None | 0 | 2,100 | 5/20/98 | Soil boring by GP-21 at 34' | 140,000 | 2/17/98 | GW in MW-6, B-5 (soil boring) | 8260 |

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|--|--|---|---|
| N yes , an actual leak was seen at the time of instpection, wet piping. | N | | |
| N None reported by the team inspector | N None reported by the team inspector | none reported | |
| N | Y Yes, liquid in sumps & sensors pulled up. | FRP | |
| N | Y None apparent | flex piping | |
| N | Y Yes, liquid in sumps & sensors pulled up | FRP | |

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| 16 San Jose Fire | Yes | decreasing | 4 | 32,000 | 4/19/98 | GW in MW-6 | 73,000 | 5/26/94 | GW in RW-1 | 8020/8260 lists |
| 17 Sacramento Co | N/A | None | 0 | 4,700 | 1/1/98 | GW at a depth of 18.11 feet | 4,700 | 1/1/98 | GW at a depth of 18.11 feet | 8020 |
| 18 Sacramento Co | yes | none | 0 | 57,000 | 6/2/98 | GW in MW3 adjacent to dispenser island | 57,000 | 6/2/98 | GW in MW3 adjacent to dispenser island | 8020 |
| 19 Sacramento Co. | only in MW2 - TPH-g and BTEX | increasing | 3 | 7,900 | 6/11/98 | GW in MW2 down gradient from the tanks | 7,900 | 6/11/98 | GW in MW2 down gradient from the tanks | 8020 |
| 21 El Dorado | NA | None | 0 | NA | 10/21/98 | NA | | 10/21/98 | | NA |

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|--|--------------------------------|---|--|
| Y Yes, discovered at the time of the visit, captured by the dispenser pan | Y none reported | FRP none reported | |
| N | Y Not liquid tight | None None | 2-FRP & steel unions, piping was installed without adequate epoxy, silicon, and non compatible epoxy Yes, confirmed by soil testing at the site |
| N | N | none none | a combination of AO Smith, Ameron, and steel unions joined with inadequate or incorrect epoxy Yes increasing levels of MTBE at the site |
| Y no sensors in the dispenser pans, piping was stained | Y no visible leaks | FRP none visible | |
| N | N | | FRP yes, catastrophic at the time of upgrade work |

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| 22 Sacramento Co. | yes, TPPH & BTEX | None | 0 | 160,000 | 5/14/98 | soil at depth of 4.5 feet at the piping connection | 160,00 | 5/14/98 | | 8260 |
| 23 Tehama Co. | TPH diesel | decreasing | 3 | 2,700 | 11/21/97 | GW in MW-2S | 13,000 | 3/11/97 | GW in MW-2S near product lines | 8260 |

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|--|---|---|---|
| N Yes, 120,000 ppb under one of the dispensers | N did not sample | | steel unions along with FRP from two different manufacturers w/non compatible epoxy. Yes, at dispenser and piping run. |
| Y there is a high level, peaked at 800 ppb in MW-6s near dispensers | Y yes, water and product where visible in the sumps at the time of the inspection & sensors pulled up. | FRP apparently in the piping where the secondary was terminated in a sump. | |