

US EPA ARCHIVE DOCUMENT

Jones Crossroads Landfill

- **DSWA's southern landfill**
- **Four separate cells, Cells 1 through 4**
- **Leachate collected and pumped to tanks, hauled by truck off-site. Limited volume recirculated.**
- **Landfill Gas collected and flared.**
- **Dead chickens disposal (emergency service) created a hydrogen sulfide problem.**

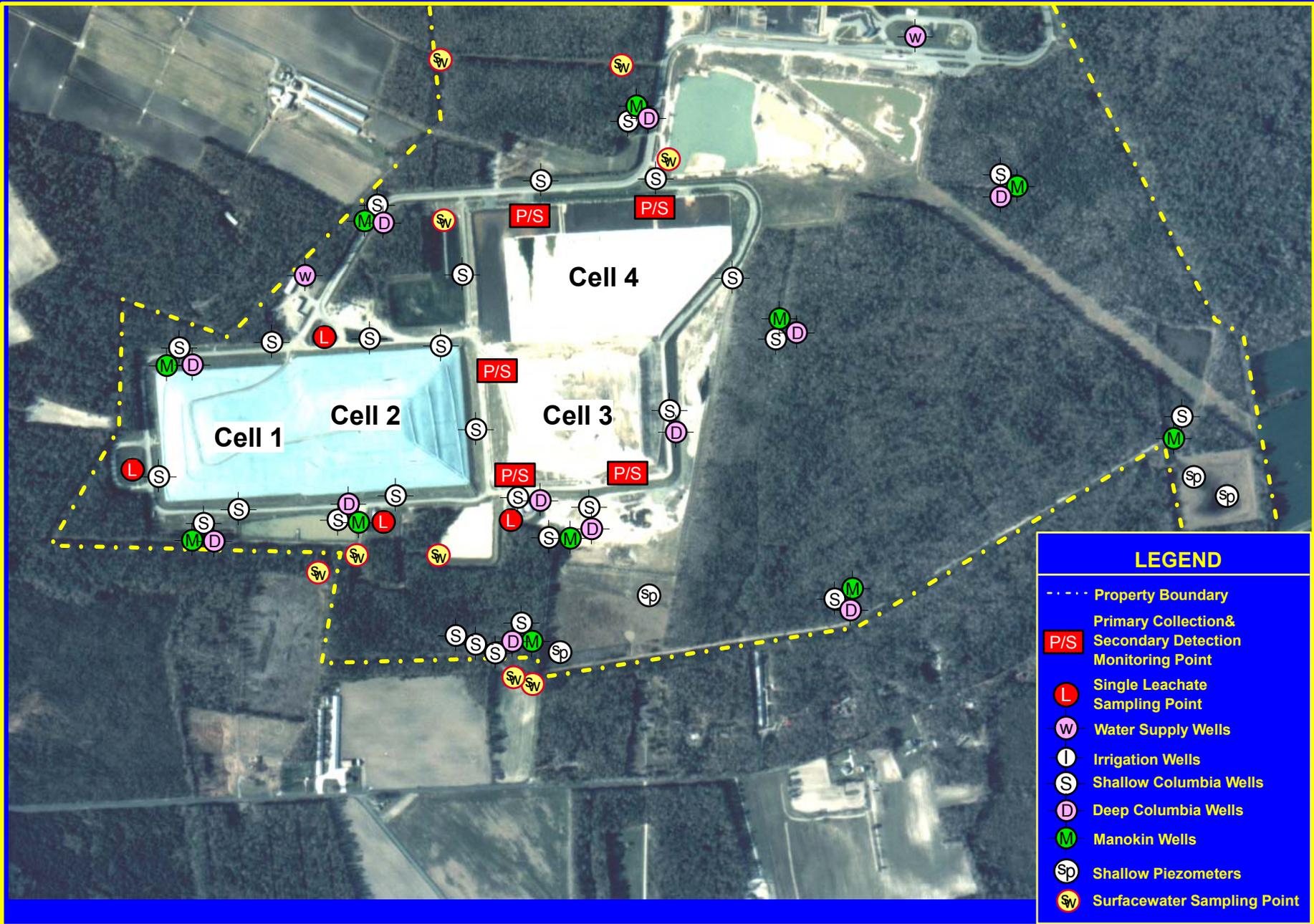


Fig.8 Jones Crossroads Landfill - Locations of Groundwater, Leachate, and Surfacewater Monitoring Points

Liner Costs

<u>Cell</u>	<u>US\$/sm</u>
Cell 3	\$5.70
Area E	\$4.31 – HDPE
	\$6.45 – fPP
Cell 4	\$3.99 – HDPE
	\$3.77 - fPP

Liner Leakage Rates

<u>Cell</u>	<u>Type of leak detection system</u>	<u>Size of cell (ha)</u>	<u>Liters/ha/day</u>	<u>Total amount of liquid collected</u>
Area D	Sand	8.9	115.6	813,056
Cell 3	Geonet	9.7	15.9	62,429
Area E	Geonet	13.2	7.4	102,237
Cell 4	Geonet	12.1	None, to date	