

**Table 2-5
Pond Closure Information**

Pond / Pad	Closure Report (5)	Excavation and Sampling Notes (5)	Closure Rec. (6)	Status as of September 1990 (6)	Status as of March 1992 (7)
Pond 1	Feb-91	7.29' average excavation depth, 2 verification samples exceeded TCLs for metals, excavation ceased due to proximity to haul roads, groundwater and NTU Road, backfilled with material from below Pond 17	I	Some soil chemistry above TCLs, resampling and verification in progress	
Pond 2	No		C	Southeast corner contains minor organics	
Pond 3	Apr-91	6.53' average excavation depth, supplemental verification sampling indicated all below TCLs, dike between Ponds 2 and 3 completely removed	C	Verification sampling underway. North side to be closed with Pond M	
Pond 4	June 1988 (Canonie)	8' maximum excavation depth, closure samples evaluated statistically, results indicate that closure samples are statistically below TCLs	C	Some metals above background and low-level organics at south and west dike. South dike to be closed with NTU Road.	
Pond 5	Dec-90	12.2' average excavation depth, all final verification samples below TCLs	C		
Pond 6	Feb-91	report for eastern 2/3 of pond only, western 1/3 may be impacted by leachate from the P/S Landfill, 8.16' average excavation depth (to an apparent low spot in the claystone), all verification samples below TCLs, future closure to address closure of western pond and the northwestern portion of the pond comprised of dike material originally between Ponds 6 and 9	C - East 2/3 LF - West 1/3	East side closed, west side being considered for landfill closure.	East side closed, west side being considered for landfill closure.
Pond 7	NA		NA		
Pond 8	Oct-90	6.27' average excavation depth, all verification samples all below TCLs, closure included removal of damp soil and pipe in the northwest corner of the pond	C	Review and follow-up inspection	

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Pond 9	No		I	initial inspection - two verification samples taken	
Pond 10	Dec-90	8.83' average excavation depth, 2 verification samples near western dike exceeded TCLs for metals, all dike material subsequently removed without additional testing	C	Dikes removed, benzene below TCLs detected at south bank	
Pond 11	Feb-91	6.36' average excavation depth, all verification samples below TCLs	C		
Pond 12	Feb-91	2.09' average excavation depth, removed damp soils in NE and NW corners of the pond, pond backfilled and coated with asphaltic emulsion, verification samples exceeded TCLs for lead, barium and arsenic, subsequent verification samples obtained by drilling - arsenic below TCLP, lead at ND but detection limit greater than TCLP	C		
Pond 13	No		C	Organic contamination beyond northeast pond limit noted and recommended for separate closure.	
Pond 14	No		I	Initial inspection, originally considered for landfill closure, currently working on closure by removal	Requires agency walkthrough
Pond 15	Feb-91	6.2' average excavation depth, verification sample results below TCLs with the exception of barium and reactive sulfide, soil in the area of elevated concentrations subsequently excavated during Pad 18 closure	C		
Pond 16	No		C		

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Pond 17	Feb-91	5.12' average excavation depth, one verification sample location exceeded TCL for nickel, additional 20' excavation taken to facilitate drainage (used to backfill Pond 1) with no additional testing	C	Resampled for nickel - results pending	
Pond 18	No		C		
Pond 19	No		C - south dike recommended for landfill closure	Recommended for closure except for south dike and adjacent fill material	South dike and SW corner - close as landfill
Pond 20	Feb-91	4.99' average excavation depth, all verification samples below TCLs	C		
Pond 21	NA		NA		
Pond 22	No		C		
Pond 23	No		LF		close as landfill
Pond A-1	Mar-91	5.32' average excavation depth, all verification samples below TCLs, diesel fuel contamination left in south bank area (source is fuel tank across road), no additional excavation due to proximity to road	C		
Pond A-2	Mar-91	7.14' average excavation depth, all verification samples below TCLs, 100 cy used to construct Pond A-3 access road	C		
Pond A-3	Jan-91	3.4' average excavation depth, all verification samples below TCLs	C		

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Pond A-4	Mar-91	1.32' average INITIAL excavation depth, after additional 6' excavation all verification sample results below TCLs	C		
Pond A-5	No		I	Review and follow-up inspection - verification sampling assigned, lab results pending	
Pond A-6	No		C		
Pond A	No		I		Requires agency walkthrough
Pond B	No		I		Oil seeps observed in test pits - requires agency walkthrough
Pond C	No		I		Oil seeps observed in test pits - requires agency walkthrough
Pond D	No		C		Includes washrack
Pond E	No		C		
Pond J	No		I	Recommended for closure - pending oil result evaluation	Resolve oil seep analysis
Pond L	No		C		

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Pond M	No		I	Initial inspection	
Pond P	No		I	Initial inspection - originally considered for landfill closure, currently working on closure by removal	Requires agency walkthrough
Pond R	No		LF	Recommended closure as landfill - observed and photodocumented	Close as landfill
Pond S	No		I		Requires agency walkthrough
Pond T	No		I	Initial inspection	Requires agency walkthrough
Pond V	No		I	Initial inspection	Requires agency walkthrough
WCCB	No		C		Requires agency walkthrough
Pad 1A	No		C		
Pad 4A	No		C		
Pad 7A	No		C		

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Pad 8A	Nov-90	1' excavation depth, the one verification sample result was below TCLs	C		
Pad 8B	Nov-90	1' excavation depth, the one verification sample result was below TCLs	C		
Pad 8C	Dec-90	1' excavation depth, nickel exceeded TCLs in 2 closure sample locations, no verification samples collected	LF		
Pad 9A	No		LF	Under consideration for landfill closure	Close as landfill
Pad 9B	No		C	Under consideration for landfill closure	Close as landfill
Pad 10A	No		C		
Pad 10B	No		C		
Pad 10C	No		C		
Pad 10E	No		C		
Pad 10F	No		C		
Pad 10G	No		C		
Pad 18	No		C	Recommended for closure - area beyond northern limit of Pad 18 to be closed with RCRA Canyon	

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S1			C		
S2			C		

Source Documents:

- (5) Closure Certifications Reports for Ponds and Pads (Brierley & Lyman, 1990a-f and 1991a-l, Canonie, 1988b)
- (6) Brierley and Lyman 11-9-90 letter to RWQCB (Brierley and Lyman, 1990)
- (7) Revised Groundwater Monitoring Program (Casmalia Resources, 1992)

Closure Recommendations Legend:

- LF Recommended for closure as landfill
- I Closure process incomplete, constituents in excess of TCLs locally left in place
- C Recommended for closure