

Table 2-13. Breakdown of HR-3 P&T System Construction and Operation Costs

Description	Actual Costs (Dollars × 1,000)															
	1999	2000	2001 ^a	2002 ^b	2003	2004	2005	2006	2007	2008	2009 ^c	2010	2011 ^d	2012 ^f	2013 ^g	2014 ^f
Design	—	—	97.7	15.4	8.1	196.1	196.0	55.0	92.0	—	0.0	26.5	—	0.7	—	—
Treatment system capital construction	—	57.7	(36.1)	750.3	—	496.6	10.0	—	—	—	—	—	—	—	—	—
Project support	265.3	276.7	225.8	309.3	229.8	211.8	722.6	697.6	171.9	169.5	204.7	139.6	11.7	—	0.7	—
Operations and maintenance	1,650.8	799.1	739.2	816.6	733.7	1,049.5	618.5	891.2	679.6	1,084.8	1,091.8	1,411.5	788.9	42.5	201.6	2.2
Performance monitoring	—	173.7	219.9	120.0	163.2	120.3	353.0	489.6	219.5	508.5	237.7	240.0	—	—	—	—
Waste management	—	895.3	424.9	720.1	877.2	501.7	202.2	217.6	434.7 ^e	192.2	16.6	75.0	—	3.0	—	—
Totals	\$1,916	\$2,203	\$1,671	\$2,732	\$2,012	\$2,576	\$2,102	\$2,351	\$1,598	\$1,955	\$1,551	\$1,893	\$801	\$46	\$202	\$2

a. 2001 costs were corrected for project support and waste management. Initial expense calculations for 2001 were not properly categorized.

b. 2002 accrual costs were corrected for appropriate split between Bechtel Hanford, Inc. and Fluor Hanford, Inc.

c. Annual report has been transitioned from a fiscal year reporting period to a calendar year reporting period. The cost breakdown for 2009 is for the 15-month period from October 2008 through December 2009.

d. The HR-3 P&T system went into cold-standby status in May 2011.

e. Additional costs were associated with drilling wastes and resin cleared for shipment and handling.

f. Costs after system shutdown in 2011 are associated with surveillance and maintenance pending decommissioning of the HR-3 P&T facility.

g. Costs for 2013 were associated with disposal of Dowex® (a registered trademark of the Dow Chemical Company, Midland, Michigan) 21K resin.

— = not available

P&T = pump-and-treat