

**Table Q-2c Estimated Cost of Sitewide Institutional Controls  
Aerojet Superfund Site  
Sacramento County, California**

DESCRIPTION	QUANTITY		ESTIMATED COST	
	NUMBER	UNIT	UNIT COST (\$)	TOTAL COST (\$)
<b>SITEWIDE<sup>1</sup> PERIODIC INSTITUTIONAL CONTROLS ACTIVITIES<sup>2</sup> COST ESTIMATE</b>				
<b><u>Planning</u></b>				
Adding to/revising Institutional Controls Plan in response to change in circumstances (e.g., change in land use or site ownership)	16	hours	85	1,400
<b><u>Public Information</u></b>				
Revise/deliver public info about ICs; refresh/update public info	8	hours	85	700
Assess effectiveness of programs and improving them	8	hours	120	1,000
Provide updated education for federal, State, and local govt staff and the public about ICs and related laws and programs	8	hours	85	700
<b><u>Record-Keeping Systems</u></b>				
Respond to requests for info from govt agencies, potential lenders, insurers, purchasers, general public	16	hours	85	1,400
Enter/update data in systems as needed (when ICs are implemented at a site or when a site changes hands)	8	hours	85	700
Upgrading hardware and software	4	hours	85	300
Training new staff; training when system changes	8	hours	85	700
Tracking property transactions and parcel divisions	8	hours	85	700
Re-parceling property if/when a landowner wants to change land uses. Survey related properties.	16	hours	85	1,400
Propagating new and updated IC information through all land-use related offices.	8	hours	85	700
<b><u>Administration/Funding</u></b>				
Obtaining funds as needed for periodic activities	2	hours	85	200
<b><u>Monitoring</u></b>				
Provide monitoring-related ongoing training, specialized training, and outreach to affected regulatory bodies such as EPA, RWQCB, DTSC, and local governments	8	hours	85	700
<b><u>Inspection</u></b>				
Visiting sites in response to information about possible changes in land use or other issues	8	hours	85	700
Prepare 5 - year Review Report per CD/UAO (Project Manager)	24	hours	120	2,900
Prepare 5 - year Review Report per CD/UAO (Aerojet Coordinator)	80	hours	85	6,800
<b><u>Enforcement</u></b>				
Issue orders, negotiate, litigate with landowner/user who is out of compliance	24	hours	85	2,000
Update property records, hazardous site registry	16	hours	85	1,400
Communicate updated information to other Agencies	8	hours	85	700
Repair damage resulting from a failed IC, including damage to the site itself, abutting land, or other land	8	hours	85	700
Determine cause of IC failure and whether new/revised ICs needed	8	hours	120	1,000
Take steps to design/implement/effectuate new ICs, if appropriate, including obtaining funding to pay the costs of such steps	16	hours	120	1,900
Indirect costs (copying, materials/supplies, travel costs)	1	lump sum	1,500	1,500
<b>Subtotal - Periodic Institutional Controls Activities</b>				<b>\$30,200</b>
Cost Contingency (scope and cost) 20%				\$6,000
<b>TOTAL - ESTIMATED PERIODIC COST (SITEWIDE)</b>				<b>\$36,000</b>

<sup>1</sup> The total Institutional Controls costs included in this table will be divided equally among the following Operable Units (OUs): Perimeter (OU-5), Boundary (OU-6), Island (OU-7), Eastern (OU-8), Central (OU-9), and Area 41.

<sup>2</sup> As defined in "Estimating the Cost of Institutional Controls", Environmental Law Institute and Resources for the Future (2005).