

A.C. & H. CIVIL ENGINEERS, INC.

ASSOCIATION OF JOHN G. R. CLEGG & ALAN HUNTZINGER 2443 ASH STREET PALO ALTO, CALIF. 94306 (650) 327-3900 (408) 294-4000

> Job No. 5-62 September 20, 2005

Redwood City Planning Department 1017 Middlefield Road Redswood City, CA 94063

Re: BIAC

1450 Maple St

COST ESTIMATE FOR PARKING LOT

Asphalt pavement	270 s.y.	7.7	2.0		E 400
Base rock					5,400
wheel stops	270 s.y.				5,400
Concrete edging	9 each				900
	160 l.f.			=	5,120
Grass-crete valley	160 s.f.	Х	25	-	4,000
Paint parking stalls	lump sum			=	300
Catch Basin over pipe	lump sum			=	3,000
Signs	3 each			=	600
Bicycle rack	1 each	X	280	±.	280
Clear, erosion control, grub	lump sum			=	5,000

Construction total

30,000

Sincerely,

Alan Huntzinger Civil Engineer

R.C.E. 18925

OF TAIN



City of Redwood City Stormwater Pollution Prevention Program

NPDES Permit Compliance Checklist

I.	PROJECT DATA
	PROJECT NAME/ADDRESS: 1450 MAPLE ST APN NO: 52-392-14
	APPLICANT NAME: AQUATIC CENTER ADDRESS: 1450 MAPLE ST
	TYPE OF DEVELOPMENT ☐ Residential ☐ Industrial ☐ Commercial ☐ Commercial ☐ Commercial ☐ Combined Residential & Commercial ☐ Is any part of the project located in a Sensitive Area? ² ☐ Yes ☐ No
II.	REQUIREMENTS FOR ALL PROJECTS Refer to "Blueprint for A Clean Bay" and Construction Best Management Practices (BMPs).
1.	Store, handle, and dispose of construction materials and wastes properly, so as to prevent their contact with stormwater.
2.	Control and prevent the discharge of all potential pollutants, including solid wastes, paints, concrete, petroleum products, chemicals, washwater or sediments, and non-stormwater discharges to storm drains and watercourses.
2.	Use sediment controls or filtration to remove sediment from dewatering effluent.
3.	Avoid cleaning, fueling, or maintaining vehicles on-site, except in a designated area in which runoff is contained and treated.
4.	Delineate clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses with field markers.
5.	Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate.
6.	Perform clearing and earth moving activities only during dry weather.
7.	Limit and time applications of pesticides and fertilizers to prevent polluted runoff.
8.	Limit construction access routes and stabilize designated access points.
9.	Avoid tracking dirt or other materials off-site; clean off-site paved areas and sidewalks using dry sweeping methods.

	Refer Sedim	to the	AND SEDIMENT CONTROLS PLANS he California Construction BMP Handbook (1993), ABAG Manual of Standards for Erosion and Control Measures (1995), or San Francisco Bay Regional Board Erosion and Sediment Control ual. Requirements include the following:
X	1.	CO	abilize all denuded areas and install and maintain all temporary erosion and sediment controls ntinuously between October 15 and April 5 of each year, until permanent erosion controls have been tablished.
Ø	2.	ea	ovisions for preventing erosion and trapping sediment on-site, such as sediment basins or traps, arthen dikes or berms, silt fences, straw bale dikes, check dams, storm drain inlet protection, soil ankets or mats, covers for soil stock piles, and/or other measures.
区	3.	Pi m	ovisions for vegetative cover in disturbed areas, including areas to be seeded, planted, and/or ulched, and types of vegetation proposed.
図	4.	Pr (e	ovisions for diverting on-site runoff around exposed areas and diverting off-site runoff around the site .g., swales and dikes).
	5.	Pi	rovide notes, specifications, or attachments describing the following: Construction, operation and maintenance of erosion and sediment control measures, including inspection frequency;
		•	Methods and schedule for grading, excavation, filing, clearing of vegetation, and storage and disposal of excavated or cleared material;
		į.	Specifications for vegetative cover and mulch, including methods and schedules for planting and fertilization;
		X	Provisions for temporary and/or permanent irrigation.
1V.	proje Res	ects ourc	CTS WITH ≥ 1 ACRE OR MORE OF IMPERVIOUS¹ AREA — The following requirements apply to all with 1 acre or more of impervious area, which must file a Notice of Intent (NOI) with the State Water es Control Board to obtain coverage under the State General Construction Activity NPDES Permit, and expare and implement a Storm Water Pollution Prevention Plan (SWPPP). Note: Completion of this st does not imply certification of the adequacy of the SWPPP by the local agency.
			A copy of the project's NOI and SWPPP shall be submitted to the Engineering Department prior to issuance of a grading permit.
Œ	j 2		A copy of the project's NOI and SWPPP shall be kept on-site and made available for review by the City upon request.
C] ;	3.	Erosion control plans, per requirements of Section III, include a plan showing BMPs for storage of soils, wastes, and other construction materials.
	، د	4	Plans for permanent stormwater control measures as shown in Part VI.
	J :	5.	A stormwater monitoring program including site inspections prior to and immediately after storm events.
	J (6.	An Operations and Maintenance Agreement for permanent stormwater controls. (See City Engineer for form of Agreement).
	J .	7.	Approval from the San Mateo County Mosquito Abatement District.

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٧.		ROJECTS IN SENSITIVE AREAS — The following thin 200 feet from a wetland, dam, lake, pond, river,	requirements apply to any sized project that is located or bay.			
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15	E.	Provide Erosion Control Measures and permar VI.	nent source control measures as outlined in Part IV, and			
Е]	2. Provide water quality monitoring. (Contact the	Regional Water Quality Control Board for guidance).			
VI.	PE	RMANENT STORMWATER CONTROL MEASUR	RES			
	PO	LLUTANT SOURCE CONTROL LIST ³	STORMWATER VOLUME TREATMENT CONTROLS DEVICES			
		A. Landscape & Pesticide Reduction				
	_	Controls	 ☐ Roof Downspout System ☐ Vegetated Swales⁵ 			
		B. Labeling Storm Drain Inlets	S Grass Filter			
		C. Parking Facilities Controls	☐ Sand Rock Filter			
		D. Pool & Spa Controls	☐ Hydrodynamic Device			
		E. Food Service Equipment Controls	☐ Micro-detention Device			
		F. Trash Areas Controls	☐ Other (See "Site Design Techniques")			
		G. Outdoor Process Controls	☐ Cisterns			
		H. Outdoor Storage Controls	☐ Subsurface Detention Facility			
		Outdoor Cleaning and Maintenance				
	_	Facilities Controls				
		J. Vehicle Cleaning Controls				
		K. Fuel Dispensing controls	A			
		L. Loading Dock Controls M. Miscellaneous Drains				
		N. Marina Controls				
	<u> </u>	N. Marina Controls				
VII	i. PL	AN APPROVAL BY SAN MATEO COUNTY MOS	QUITO ABATEMENT DISTRICT			
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		Abatement District (http://www.mosquitoes.org).	e plan approval by the San Mateo County Mosquito			
		Refer to San Mateo County's Vector Control Plan mosquito breeding habitat.	n for further guidance on how to address potential			
NO	OTES	S:				
1		Impervious area is defined as the area covered by building roofs, and other impervious surfaces, which	y pavement (including walkways, patios, driveways), ich drain.			
2	•	A project is located in a sensitive area if the limit of impervious area will be located less than 200 feet away from a water quality resource, including a wetland, stream, pond, lake, river, or bay.				
3	÷	Select from the Redwood City's "Model List of Sou Measures.	ource Control Measures" for other suggested Source Contr			
4	•	See "Using Site Design Techniques to Meet Development Standards for Stormwater Quality," published by Bay Area Stormwater Management Agencies Association.				
5		See Redwood City's "Design Guidelines for Grass	sy Vegetated Swales."			

