LOS ANGELES
REGIONAL WATER QUALITY CONTROL BOARD
ENFORCEMENT REPORT
July 2012

The Enforcement Report for July 2012 includes data for May 2012, on the following tables:

Tables 1 - 4	**Enforcement Summary - by Action:**	**Shows the enforcement actions taken, by type of action.**
Table 5	**EPL's Issued:**	**Eight EPL's were issued, for a total of $156,000**
Table 6	**EPL's Settled:**	**Two EPL's were settled, for a total of $891,000**
Table 7	**All Violations Subject to MMPs:**	**Of the 347 cases and 10,100 violations we have been working on from 2000 to date, 72 cases and 761 violations remain unresolved.**
Table 8	**MMP Violations (Identified After Enforcement Initiative)**	**These violations occurred January 2000-December 2007. Of the 38 cases and 720 violations, 7 cases with 47 violations remain unresolved.**
Table 9	**Current MMP Violations:**	**There are 204 cases with 3,055 violations that occurred since January 2008. 140 of these cases with a total of 2,417 violations have been resolved. This leaves 64 cases and 638 violations unresolved.**
Table 10	**EPL Progress (NPDES):**	**$816,000 in penalties was collected.**
Table 11	**Stormwater Compliance Unit Outstanding Enforcement Items:**	**The attached table lists all Stormwater outstanding NOVs dated before May 31, 2012, and tracks the status of compliance.**
Table 12	**SEP Proponent List (July 1, 2011 – Present)**	**The attached table lists all proposed SEPs received by the Regional Board in response to the SEP solicitation actions. The SEP proponent list includes proponent contacts and 34 potential SEPs in different watersheds within the Region.**

Enforcement Highlights:

Administrative Civil Liability

Complaint No. R4-2011-0188 for Administrative Civil Liability for $90,515 was issued against Mr. Edward Waymire, Waymire Drum Company, Mr. Rafiel Shahbazian, and Mitchell Investors, LLC (Dischargers) for violating requirements contained in a Regional Board Cleanup and Abatement Order by failing to submit a site assessment work plan, quarterly groundwater monitoring reports, and other documents. The Dischargers have until July 23, 2012 to waive their right to a hearing and pay the penalty in full.

A Proposed Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Order was entered into with the City of Westlake Village in the amount of $81,500 for alleged violations of their Stormwater General Permit. The proposed settlement is posted on our website and the public has until July 19, 2012 to comment on it.

A Proposed Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Order was entered into with the Tesoro Corporation in which Tesoro will pay $440,670 to the Cleanup and Abatement account for an unpermitted discharge of 638,400 gallons of naphtha from a corroded above-ground tank located at their refinery in Wilmington. The proposed settlement is posted on our website and the public has until June 28, 2012 to comment on it.

Expedited Payment Program:

Stipulated Order on Settlement Offer No. R4-2012-0028-M was issued to the Port of Los Angeles on May 24, 2012 in the amount of $75,000 for alleged effluent violations of the NPDES Permit for the New Dock Street Pump Station. The full payment was received on June 7, 2012.

Stipulated Order on Settlement Offer No. R4-2012-0030-M was issued to the Los Angeles Department of Water and Power on May 24, 2012 in the amount of $3,000 for alleged effluent violations of the NPDES Permit for the Castaic Power Plant. The full payment was received on June 1, 2012.

Stipulated Order on Settlement Offer No. R4-2011-0170-M was issued to Ventura County Waterworks District No. 1 on May 8, 2012, in the amount of $24,000 of the NPDES Permit for Well 20 and the Treatment Plant. On March 15, 2012, the Regional Board received payment in full.

Settlement Offer No. R4-2012-0100-M was issued to RWDI Detroit & Hauser LP on May 23, 2012 in the amount of $15,000 for alleged effluent and reporting violations of their NPDES Permit. Regional Board staff is reviewing the Permittee's response, which was received before the due date of June 25, 2012.

Settlement Offer No. R4-2012-0092-M was issued to RWBP Detroit LP on May 23, 2012 in the amount of $3,000 for alleged reporting violations of their NPDES Permit. Regional Board staff is reviewing the Permittee's response, which was received before the due date of June 25, 2012.

Settlement Offer No. R4-2012-0097-M was issued to Bevcon I, LLC on May 30, 2012 in the amount of $3,000 for alleged effluent violations of the NPDES Permit for the Beverly Connection Mall. The Permittee has until July 2, 2012 to respond.

Settlement Offer No. R4-2012-0099-M was issued to RWBP Hauser LP on May 30, 2012 in the amount of $6,000 for alleged effluent and reporting violations of their NPDES Permit. The Permittee has until July 2, 2012 to respond.

Table 1. Informal Enforcement Actions

Action	(May 2012)	FY 2011/2012
Notices Of Violation	19	530
Stormwater Benchmark Letters	2	10
Expedited Payment Letters	8	56
Total	**29**	**596**

Table 2. Formal Enforcement Actions

Action	(May 2012)	FY 2011/2012
Notices To Comply	2	15
Administrative Civil Liability	0	13
Total	**2**	**28**

Table 3. Orders and Directives

Action	(May 2012)	FY 2011/2012
13267 Orders	19	222
Total	**19**	**241**

Table 4. Compliance Inspections

Program	(May 2012)	FY 2011/2012
NPDES (Major Permits)	5	22
NPDES (Minor Individual Permits)	2	12
NPDES (Minor General Permits)	1	42
Stormwater (Construction)	31	380
Stormwater (Industrial)	28	267
Stormwater (Municipal)	0	10
Total	**67**	**733**

Table 5. EPLs Issued (May 2012)

Facility	Date Issued	Type Of Alleged Violation	Amount
West Hollywood City Library Construction/West Hollywood City	05/09/12	Late Report/Effluent	$24,000
Chinatown Los Angeles Project/Chinatown Gateway LLC	05/09/12	Effluent	$60,000
Unocal SS #1715/Antea USA	05/18/12	Effluent	$27,000
Well Field #1/Calleguas MWD	05/18/12	Effluent	$18,000
435 Detroit/RWDI Detroit & Hauser LP	05/23/12	Late Report/Effluent	$15,000
435 Detroit/RWBP Detroit LP	05/23/12	Late Report	$3,000
Beverly Connection Mall/Bevcon LLC	05/30/12	Effluent	$3,000
630 Hauser/RWBP Hauser LP	05/30/12	Late Report/Effluent	$6,000
Total			**$156,000**

Table 6. EPLs Settled (May 2012)

Facility	Date Issued	Type Of Alleged Violation	Date Paid	Date Stipulated Order Issued	Amount
New Dock Street Pump Station/Port of Los Angeles	02/09/12	Effluent	06/07/12	05/24/12	$75,000
City of Santa Clarita/DBAA Nos. 6 and 18	09/05/08	Effluent	05/04/12	04/19/12	$816,000
Total					**$891,000**

Table 7. All Violations Subject to MMPs (May 2012)

January 2000 - Present

	No. of Facilities	No. of Violations
Total	347	10,100
Resolved	275	9,339
Pending	72	761

Table 8. MMP Violations

January 2000 - December 2007

	No. of Facilities	No. of Violations
Total	38	720
Resolved	31	673
Pending	7	47

Table 9. Current MMP Violations

January 2008 - October 2011

	No. of Facilities	No. of Violations
Total	204	3,055
Resolved	140	2,417
Pending	64	638

Table 10. EPL Progress- NPDES

Action Type	No. of EPLs May 2012	No. of Violations May 2012	No. of EPLs Fiscal Year (2011/2012)	No. of Violations Fiscal Year (2011/2012)
EPLs Issued	8	52	56	707
EPLs Resolved	2	297	55	795
EPLs Withdrawn	0	0	4	180
Total Amount Collected	$891,000		$2,363,000	

TABLE 11 STORMWATER COMPLIANCE UNIT OUTSTANDING ENFORCEMENT ITEMS, MAY, 2012

This table lists only stormwater NOVs that have not been complied with. NOVs that are not included either have been complied with, or succeeded by enhanced enforcement actions (such as a second NOV). The information is arranged by permit type – industrial and construction.

Industrial General Permit

WDID	Issuance Date	Due Date	Facility Name	Enforcement Type	Violation	Staff	Staff Comments
Non-Filer	3/23/2012	4/23/2012	Liberty Metals	ACL	Failed to obtain Permit	PY	Waived and Paid 4/25/12.
Non-Filer	3/23/2012	4/23/2012	Lakeside Boats Inc.	ACL	Failed to obtain Permit	PY	Panel Hearing on 6/21/12.
Non-Filer	3/23/2012	4/23/2012	One Way Auto	ACL	Failed to obtain Permit	PY	Rescheduled Panel Hearing to 9/20/12.
WDID	**Issuance Date**	**Due Date**	**Facility Name**	**Enforcement Type**	**Violation**	**Staff**	**Staff Comments**
4 19I011645	8/24/2011	9/26/2011	Globe Used Auto Parts	NOV	Deficient BMP implementation	EL	Ongoing compliance.
4 56I004467	7/19/2011	8/19/2011	Gold Coast Recycling and Transfer Station Inc.	NOV	Structural and non-structural BMPs violations; failed to retain 5 years of AR	AA	Satisfactory response was received on 4/17/2012.
4 19I020838	4/2/2012	8/3/2012	Contico Container	NOV	Deficient BMP implementation	WL	Time Extension is granted to 8/3/12.
4 19I005336	4/3/2012	4/30/2012	Rehrig Pacific Co	NOV	Inadequate BMPs and SWPPP.	WL	Response received on 4/30/12. Verification inspection will be conducted.

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NOT	Notice of Termination
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SWPPP	Stormwater Pollution Prevention Plan

Non-Filer	5/8/2012	6/8/2012	Industrial Assets Machinery	NOV	Failure to Obtain Permit	OG	Failed to respond/Will issue 2nd NOV.
4 19I020795	5/11/2012	6/25/2012	Cal June Inc.	NOV	Deficient BMP Implementation	WL	Response Due on 6/25/12.
4 56I020774	5/11/2012	6/11/2012	Waterway Plastics	NOV	Deficient BMP Implementation	AR	Submitted photos of corrective actions on 6/11/2012.

Construction General Permit

WDID	Issuance Date	Due date	Facility Name	Enforcement Type	Violation	Staff	Staff comments
4 19C355091	12/16/2011	1/17/2012	Westlake Village Community Park Project	ACL	Failed implement/maintain effective erosion & sediment control; unauthorized NSWD; failed to possess an updated SWPPP on-site.	Enforcement Unit	Stipulated Order to be issued.
WDID	**Issuance Date**	**Due date**	**Facility Name**	**Enforcement Type**	**Violation**	**Staff**	**Staff comments**
4 19C316604	12/7/2011	1/9/2012	Agoura 1 Agoura 2	NOV	Failed to complete risk analysis; failed to submit 2010/11 AR	LV	NOT submitted to the Board.
4 19C330379	12/7/2011	1/9/2012	Henthorn Residence	NOV	〃	LV	Inspected by O. Gonzalez, expecting outcame.
4 19C341269	12/7/2011	1/9/2012	Bowmont Slope Repair	NOV	〃	LV	Partial compliance.
4 19C341942	12/7/2011	1/9/2012	Gas Station / Retail / Food Building	NOV	〃	LV	Will issue 2nd NOV.
4 19C342869	12/7/2011	1/9/2012	Pomona Ranch Plaza Phase II	NOV	〃	LV	Will issue 2nd NOV.
4 19C346547	12/7/2011	1/9/2012	Warner Center Residential	NOV	〃	LV	NOT submitted to the Board.
4 19C347278	12/7/2011	1/9/2012	Scheffler Pomona	NOV	〃	LV	Will issue 2nd NOV.

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4 19C348080	12/7/2011	1/9/2012	Villa Rotonda	NOV	"	LV	Inspected/Ongoing compliance.
4 19C349516	12/7/2011	1/9/2012	56 Unit Residential Condos	NOV	"	LV	Will issue 2nd NOV
4 19C351619	12/7/2011	1/9/2012	Mt Sac Agricultural Science Building	NOV	"	LV	Ongoing compliance.
4 19C354041	12/7/2011	1/9/2012	Mills Residence	NOV	"	LV	2nd NOV will be issued.
4 19C354041	5/30/2012	6/30/2012	Mills Residence	NOV	"	LV	2nd NOV issued.
4 19C354098	12/7/2011	1/9/2012	RV Storage	NOV	"	LV	Looking for Discharger/No construction/But paying fee
4 19C355106	12/7/2011	1/9/2012	4101 Nogales St	NOV	"	LV	Ongoing compliance/inspected
4 19C356123	12/7/2011	1/9/2012	Public Works Project Promenade	NOV	"	LV	NOT submitted to the Board.
4 19C356446	12/7/2011	1/9/2012	Fire Station 143	NOV	"	LV	Partial compliance.
4 19C357051	12/7/2011	1/9/2012	Calstar Motors Inc. Mercedes Benz	NOV	"	LV	Time Extension is granted to 7/1/2012.
4 19C357984	12/7/2011	1/9/2012	Navy Base Coronado Bachelores Enlisted Quarters	NOV	"	LV	Ongoing compliance.
4 19C359280	12/7/2011	1/9/2012	Grading & Drainage for Accessory Structure & Addition	NOV	"	LV	Time Extension is granted to 7/15/2012.
4 19C359336	12/7/2011	1/9/2012	Chaparral Middle School Gym	NOV	"	LV	Ongoing compliance/inspected
4 56C357345	12/7/2011	1/9/2012	Exotic Animal Training and Management Facility Moorpark College	NOV	"	LV	Ongoing compliance.
4 56C354300	12/7/2011	1/9/2012	Cottages Among the Flowers	NOV	"	LV	Will issue 2nd NOV.
4 56C351994	12/7/2011	1/9/2012	Single Family Residence for Stephen Moy	NOV	"	LV	Administratively terminated.

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4 56C329340	12/7/2011	1/9/2012	Westwind - Oxnard	NOV	〃	LV	NOT denied/Ongoing.
4 19C322285	2/2/2012	3/2/2012	Downey High School Improvements	NOV	Failed to complete risk analysis	AR	NOT submitted to the Board.
4 19C345097	2/2/2012	3/2/2012	El Segundo Power Redevelopment Project	NOV	〃	AR	Ongoing compliance.
4 19C345778	2/2/2012	3/2/2012	Praise Alive Worship	NOV	〃	AR	2nd NOV issued.
4 19C347396	2/2/2012	3/2/2012	LNR Entrada Office Bldgs.	NOV	〃	AR	NOT submitted to the Board.
4 19C353923	2/2/2012	3/2/2012	Irwindale C Store	NOV	〃	AR	NOT submitted to the Board.
4 19C353927	2/2/2012	4/6/2012	105th & Normandie Seniors	NOV	〃	AR	NOT submitted to the Board.
4 19C354172	2/2/2012	3/2/2012	Power Plant 2 Tailings Removal Project	NOV	〃	AR	NOT submission in-preparation.
4 19C359004	2/2/2012	4/30/2012	Pacific Baptist Church	NOV	〃	AR	2nd NOV will be issued.
4 56C353439	2/2/2012	3/2/2012	Moorpark College AC HSC EATM	NOV	〃	AR	NOT submitted to the Board.
4 56C345399	2/2/2012	3/2/2012	Peppertree Business Park	NOV	〃	AR	Ongoing compliance.
4 19C345778	5/9/2012	6/11/2012	Praise Alive Worship	NOV	〃	AR	NOT submitted to the Board.

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Table 12:

SEP Proponent List

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
3	Los Angeles County Coastal	Resource Conservation District of the Santa Monica Mountains	Malibu Creek Water Quality Monitoring for Southern Steelhead Trout	$18,000	Funding is needed to deploy, monitor and maintain several YSI 6600 data sondes (or other probes as available) to continuously monitor dissolved oxygen, pH, conductivity, chlorophyll a, and temperature in Malibu Creek. We would like to also deploy these sondes in Topanga Creek to provide a reference condition. Sondes would be provided by either SCCWRP or local university partners, but cost for staff monitoring, maintenance, materials and data analysis is approximately $18,000 for 7 months (March-October). Documenting water quality conditions in the reach with and without endangered fishes is critical. In 2006, all the fish (native and non-native), in Malibu Creek below Rindge Dam died. A period of high water temperatures and a proliferation of algae were the two unusual factors observed. A suite of variables was studied, but as all the data was collected after the fact, no final conclusion concerning cause was possible. Concern about re-occurrences (fish decline in 2009 and 2011) can only be addressed by consistent monitoring over time. This will provide data on potential causes, and lead to possible prevention of future problems.
8	Los Angeles County Coastal	Heal the Bay	Malibu Creek Watershed Stream Team	$75,000	The mission of Heal the Bay's Malibu Creek Watershed Stream Team citizen monitoring program is to cost effectively produce accurate and reliable water chemistry and habitat assessment data that can be used by resource management agencies and citizen groups to protect California's watersheds and aquatic resources. Stream Team uses two powerful monitoring programs to assess watershed heath: water chemistry and bioassessment monitoring. For water chemistry monitoring, teams of trained volunteers led by Heal the Bay staff conduct monthly water quality sampling and lab analyses (parameters include total nitrogen, phosphate, ammonia, turbidity, bacteria, dissolved oxygen and pH). Water chemistry monitoring is conducted monthly at about 20 sites (the number of sites may vary depending on conditions), which totals approximately 240 monitoring events annually. Trained Heal the Bay staff also conduct annual bioassessment monitoring, which involves intensive benthic macroinvertebrate sampling and physical habitat surveys, at 12 sites annually. The benthic macroinvertebrate samples are analyzed for species presence, diversity, and abundance, which provide direct and accurate information about the health of creeks and streams throughout the Malibu Creek Watershed as represented by an Index of Biological Integrity score.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
7	Los Angeles River	Heal the Bay	Compton Creek Monitoring Program	$65,000	Heal the Bay has conducted water and sediment sampling throughout the 5.8 mile, day-lighted portion of Compton Creek since 2006. Heal the Bay's program is based on a monitoring plan found in the 2005 Compton Creek Watershed Management Plan. The water and sediment quality constituents analyzed through this monitoring plan include metals, nutrients, PAHs, conventional parameters, and occasionally organo-chlorines. Our data has demonstrated that water quality is often impacted by zinc, ammonia, and pH. As for sediment, Compton Creek was impacted by metals (cadmium, copper, lead, and zinc), Organo-chlorines compounds, and PAH compounds. To continue these efforts, Heal the Bay proposes a two-year water and sediment quality monitoring program to be conducted quarterly (8 total sampling events) at 6 to 10 sites along Compton Creek.
12	Los Angeles River	City of Downey, California	Holllydale Drain diversion, Infiltration System, and Park	Varies	The Hollydale storm drain services several square miles of southwest Downey along with an adjacent area of the City of South Gate. Just upstream of its confluence with Los Angeles River is Hollydale Park. This City of South Gate park, located under power lines, has received limited attention or development support, partially because only limited portions of South Gate are East of the Los Angeles River, and the residents most likely to utilize the park, live in the cities of Paramount and Downey. Depending on available funding, this SEP proposal could construct a simple dry weather diversion or extensive cistern under the park (similar to the 8 Acre Foot facility located under Discovery Park in the city of Downey) to accommodate dry and potentially some wet weather flows, then construct an active sports facility (such as Soccer fields) above the cistern. The project costs are flexible, and could be incrementally planned to correlate with future ACLC assessment opportunities, but range from a few hundred thousand dollars for a pumped diversion, to many millions for a large cistern and athletic field complex. The project timeframe would correlate with the concept and funding, but could also be incrementally extended. A simple diversion could be completed within about 12 months, while a large cistern and sports complex might take several years to negotiate and construct. Additional Contact: John Oskoui, (562) 904-7102, joskoui@downeyca.org

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
13	Los Angeles River	City of Downey, California	Rio Hondo Diversion and Pocket Park	Varies	Regulatory agencies have differentiated the Rio Hondo tributary to the Los Angeles River into several reaches, with the break between reaches 1 and 2 occurring near the Interstate Freeway. In dry weather, flows from the upper (reach 2) to lower (reach 1) Rio Hondo catchments are generally small (< 0.1 CFS), but add to the regulatory complexity of the entire system. A diversion located at this location (or at the confluence with the Los Angeles River, near the Los Angeles County Imperial Yard), would control dry weather urban flows from nearly a quarter of the urban Los Angeles River Watershed and greatly facilitate dry weather TMDL implementation for a variety of pollutants. The cost of the proposed SEP could range from a half million dollars for a channel crossing diversion and pump station to the adjacent sanitary sewer, to several million dollars if a package plant treatment system, cistern, and pocket park were constructed on the City of Downey owned land located just South of Telegraph Road and East of the channel. With thoughtful design considerations, the project could be incrementally implemented, starting with the diversion, then the cistern and finally the park. Minimum timeframe is likely to be on the one year timescale and could extend for several years if the full multi-phased project is ultimately selected. Additional Contact: John Oskoui, (562) 904-7102, joskoui@downeyca.org
23	Los Angeles River	The Council for Watershed Health	Arundo Removal and Restoration in Little Tujunga Canyon	$95,000	he proposed restoration project will remove Arundo donax (giant reed) from private land in Little Tujunga Canyon on the north side of San Fernando Valley. Arundo invasions eventually destroy riparian habitat by usurping groundwater and sunlight and by increasing flammability of riparian corridors, which together stress or kill existing native trees and prevent establishment of new seedlings. The impenetrable thickets also constrict flood flows on river channels and have no value to wildlife. Riparian habitat is a precious limited resource in the Los Angeles River watershed because most stream courses have been channelized. A regional goal of eradicating Arundo from the watershed must include the highest upstream infestations in all tributary canyons. More locally, Arundo allowed to remain on private land in these tributary canyons will re-infest adjacent public land where Arundo has been removed, including the Hansen Dam Recreation Area and Angeles National Forest. Arundo currently overruns the stream portion of Middle Ranch, a large equestrian center between Angeles National Forest and Hansen Dam Recreation Area. About 10 acres nearly fills one-half mile of canyon floor. Private land containing Arundo is adjacent to public natural areas where Arundo control already has been initiated. Regrowth will be checked and sprayed as needed. Permits are in place. A Streambed Alteration Agreement, issued by CA Dept. Fish & Game in November 2009 (valid until November 2014), authorizes work on Arundo and exotic vegetation removal impacting the Los Angeles River and tributaries in Los Angeles County. The estimated cost for Arundo removal is $9,500 per acre.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
25	Los Angeles River	The Council for Watershed Health	Mapping of Native Riparian Vegetation in the Los Angeles River Watershed	$110,000	The Los Angeles River has already received much attention and a number of revitalization or restoration plans are in place. However, a systematic assessment for the entire river system that includes photographs, vegetation characterization using state protocols, recreation opportunities, evidence of wildlife use, habitat enhancement opportunities, trash, homeless encampments, existing pocket parks, public art, etc. have not been conducted. The goal of this project is to establish the baseline conditions present along the river system: identifying the need for specific restoration projects/ linear pocket parks and for quantifying restoration progress through time. All information available to date consists of verbal observations, journals, and old photographs, which only allows us to identify needs and measure change quantitatively with poor resolution. As we quantify and digitize current conditions, the data can be viewed, compared, and evaluated with tools such as GIS to calculate changes in a highly detailed and descriptive manner. This project will map riparian habitat in the Los Angeles River Watershed, including habitat along the river and its primary tributaries. The estimated cost of this project is $55,000/year for this two year project. Beneficial uses include: Habitat restoration/enhancement, Wildlife Habitat, and Non Contact Water Recreation (REC 2)
34	Los Angeles River	The Council for Watershed Health	Shoestring Park	$500,000	We propose to enhance a linear strip of the County's Flood Control right-of-way, to create a narrow native habitat park and stormwater infiltration facility in Sun Valley between Glenoaks Blvd. and the Burbank Channel, a tributary of the Los Angeles River. Sun Valley is a predominantly low-income, Latino population in a park-poor area of Los Angeles that frequently floods during storm events. Adhering to the LA River Landscaping Guidelines and Plant Palettes, we would create a one mile park between the Burbank Channel and Glenoaks Blvd. project that would include a county access road and bikeway, seating walls, a stormwater collection facility, and native plantings. An infiltration gallery will collect and treat street runoff and recharge the local groundwater basin. Native plantings have a demonstrated ability to thrive on far less imported irrigation water with little or no pesticide use thus reducing possible polluted surface water runoff. We will work with the local community to educate and engage residents in design and maintenance of the park. The project will take about 2 years and will cost $500,000. Beneficial uses: Groundwater recharge, Non Contact Water Recreation (REC 2), and Wildlife Habitat.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
6	Multiple	Heal the Bay	Trash TMDL Implementation Project	$75,000	The Los Angeles Regional Water Quality Control Board adopted the Santa Monica Bay Nearshore Debris TMDL in November 2010. The TMDL specifies that if within three years of Regional Board adoption date of this TMDL, a city or county voluntarily adopts local ordinances to ban plastic bags, smoking in public places and single use expanded polystyrene food packaging, it shall receive a three year extension of the final compliance date. Through the Trash TMDL Implementation Project, Heal the Bay will work with municipalities and other stakeholders to develop and approve ordinances and strategies to achieve these TMDL goals. Heal the Bay will draw upon our many past successes with local trash ordinances, including single-use bag ordinances in Los Angeles County and Long Beach. The project will focus on the Santa Monica Bay watershed and other watersheds within the Los Angeles Region that are impaired by trash. A final report will be presented at the completion of the two-year project.
10	Multiple	Popeye's Pumpout Co.	Marina del Rey Water Quality Restoration	Varies	Our company has been actively working towards educating boaters in Marina del Rey to observe clean boating practices while providing mobile holding tank pump out service at customer's dock. While we are offering a very important but inexpensive service aiming at making Santa Monica Bay waters cleaner and Marina del Rey Harbor waters healthy for public enjoyment we are surprised to acknowledge how very few boaters are actually using our mobile pump out service or the harbor land stations. In a harbor with almost 5000 boats in the water we have only 30 regular customers and a hand full of "on call" boaters. We are currently supporting a program of Santa Monica Baykeeper where boaters are encouraged to take advantage of a one time free boat pump out in return for a short instruction in clean boating practices. Allowing a portion of the ACLC assessments to support SEPs, if considered, would help us promote our services and provide a great number of free to the boating community holding tank pump outs translating into healing of Marina del Rey waters, and by lowering harbor water bacterial count helping the public enjoy "Mother's Beach" sands many more days every year and changing it's stigma of one of the most polluted beaches on the west coast into a truly safe and inviting family place. The extent of our continuous endeavor is directly proportional with the support granted. Your consideration is greatly appreciated.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
24	Multiple	The Council for Watershed Health	LID Performance Monitoring	$300,000 - $500,000	This project will monitor the performance of various low impact development best management practices that are already installed throughout the watershed within public parks, public right-of-ways, and on private properties to gain a better understanding of the ability of these practices to improve water quality and increase groundwater recharge and additional benefits. The focus will be on evaluating green infrastructure projects such as Elmer Avenue to determine the effectiveness and gain information on the applicability of these types of solutions throughout the watershed. Tasks include: identifying eligible projects, developing monitoring plan, implementing sampling, and reporting results. This project will take approximately 3 years and is estimated to cost between $300,000-$500,000.
26	Multiple	The Council for Watershed Health	Monitoring the Impacts of Stormwater Infiltration on Groundwater Quality	$96,000	This project will evaluate the impacts to groundwater quality from infiltrating stormwater. In 2002 – 2006, The Los Angeles Basin Water Augmentation Study, managed by the Council for Watershed Health, examined groundwater quality in relation to stormwater infiltration at six best management practices (BMPs) across the Los Angeles Region. This project will resume sampling at these groundwater monitoring wells for two years. Resulting data will allow researchers to analyze long-term trends of groundwater quality resulting from the infiltration of stormwater runoff. No comparable research has been performed in the region and the long-term impact of stormwater infiltration is of high interest to many resource managers as the region considers this technique to improve the sustainability of our drinking water supply. Tasks will include sampling at six sites directly following two storms for two storm seasons. A report summarizing the results of the monitoring will be distributed following the project.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
11	San Gabriel River	City of Downey, California	San Gabriel River Watershed Monitoring Station Realignment	$75,000	Currently, Los Angeles County Mass Emissions Monitoring Stations do not faithfully correspond with Board or EPA Reach and Tributary designations. This has lead to reach impairment designations (e.g. lead in Reach 2 of the SGR Metals TMDL) based on water that is essentially from other reaches and has little of nothing to do with emissions of the reach identified as being impaired. The proposed SEP would install additional monitoring sites at consensus designated locations in the reach, in numbers commensurate with Watershed ACLC assessments. As an example, a station installed between the rubber dam and concrete channel just North of Firestone Boulevard, would likely have demonstrated that the soft bottom channel of reach 2 infiltrates nearly all of the runoff from most (low intensity/duration) storm events and the lead impairment identified by the US EPA did not actually exist. In 2008, for the Los Angeles River Metals TMDL CMP, autosampler sites were established by Los Angeles County at a cost of about $75,000 per site. Installation is seasonal and subject to County manpower availability, but can generally be completed within a six month period. Additional Contact: John Oskoui, (562) 904-7102, joskoui@downeyca.org
27	San Gabriel River	The Council for Watershed Health	Reducing Pollutant Loads from Nursuries in the San Gabriel River	$110,000	The Council for Watershed Health will partner with University of California Cooperative Extension (UCCE) and the Nursery Growers Association (NGA) to study nurseries, irrigated agriculture and open space areas throughout the San Gabriel River Watershed with a goal of creating an implementable plan to reduce metal loadings to achieve compliance with the metals TMDL, specifically copper, zinc, and selenium, for dry and wet weather. The goal of this project is to implement non-structural and structural BMPs on 4 nursery sites that will achieve measurable load reductions. Tasks include identifying nurseries from BMP implementation, monitoring the quality and quantity of the runoff from nurseries prior to BMP implementation, implementing BMPs at the identified nurseries, continuing a monitoring program to measure the success of these BMPs. This project will take approximately 2 years and is estimated to cost $110,000

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
1	Santa Clara River	The Nature Conservancy	Santa Clara River Conservation Program	Varies by project	The project includes acquisition, restoration and creation of aquatic, riparian and other important habitats in the Santa Clara River watershed. The Nature Conservancy has been implementing this project since 2000 and has protected nearly 3,000 acres (~13 river miles) of habitat in the watershed. We are also actively restoring hundreds of acres river habitat on properties we currently own.
9	Santa Clara River	City of Ventura, Ventura Water	Tertiary Treated Flow Diversion Infrastructure Project	Varies by project stage	This project would divert effluent flow from the Santa Clara River Estuary to other preferred reclamation uses. The project would extend the City's current reclaimed water distribution system and construct wetlands to potentially reduce nitrate concentrations.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
14	Santa Clara River	City of Santa Clarita	City Facility Parking Lot Low Impact Development Facelift	Varies by phase	This project seeks to demonstrate some of the parking lot low impact development concepts at a parking lot at a City facility. Due to the significant number of pollutants of concern, heavy traffic patterns, and space limitations in retrofitting parking lots, these efforts are often avoided as much as possible. This project would demonstrate how retrofitting the parking lot could increase the aesthetics of a property in addition to treating urban runoff that typically flows from these properties. There are three distinct project phases that this project would entail, which would likely take 12 - 16 months each. However, if multiple sources of funding were available concurrently, the project timeline could be blended. Phase 1 - 5,000 square feet Porous Concrete - $120,000 Phase 2 - 5.000 square feet Permeable Pavers - $145,000 Phase 3 - Infiltration Planters and Post Infiltration Treatment - $88,500
15	Santa Clara River	City of Santa Clarita	Santa Clara River Tamarisk and Other Invasive Plant Removal	Varies by phase	This proposed project is removing invasive plants, such as tamarisk, tree tobacco, yellow star thistle, castor bean, and other invasive plants from the Santa Clara River. The City owns 297 acres of Santa Clara River land. Previous restoration efforts divided the river in six distinct areas, Areas A through Area F. These areas are part of the Site Specific Implementation Plan. This includes removal of arundo, tamarisk, and other incidental invasive species on a highly visible 297-acre reach (all City-owned property) of the Upper Santa Clara River and the lower reaches of two major tributaries just above the confluence of San Francisquito Creek and the South Fork of the Santa Clara River. This project is a first cut. Maintenance of the cuts would cost $10,000 - $30,000 per area, annually for approximately five years. This type of work is generally completed between August and October of any given year, so the project and permitting could take anywhere from six to twelve months depending on timing. Distinct phases are: Area A, $75,000; Area B $75,000; Area C $150,000; Area D $75,000; Area E $75,000 and Area F $75,000.

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16	Santa Clara River	City of Santa Clarita	Bouquet Canyon Creek Restoration/Erosion Control	$275,000	Three acres of City owned Bouquet Canyon Creek property is in desperate need of restoration. Concrete lined above and below, heavy flows during rain events are severely eroding the creek bank. This is creating a hugely accelerated erosion problem, creating sediment pollution. The bank has mature trees with exposed root systems that will eventually collapse. The bank undercutting will eventually reach a sewer line over time. The City seeks to expand some of the area for inundataion and use bioengineering techniques to help prevent the further undercutting of erosion. The City expects the restoration and bioengineering design, permitting, and restoration work to cost $275,000. The expected timeline would be 18 months to completion, depending on when the funding was received. For example, this work would need to be completed in the August - October timeline. Design work may be completed and need to wait for appropriate field conditions (outside rainy season and most nesting) to initiate the project.
33	Santa Clara River	Ventura County Resource Conservation District	Central Ditch-Dole Property McGrath Lake BMP project	$125,000	Agricultural runoff flows into the Central Ditch which feeds directly into McGrath Lake, near the mouth of the Santa Clara River. Improving upstream water quality will help with concerns about legacy pesticides and algal growth in the lake. We are proposing the following technologies in and adjacent to the Central Ditch: further nutrient management, irrigation management technologies, vegetated ditch/channel to absorb nitrates and reduce sediment load, hedgerows, recapture and recycling of tile drain water, headwalls at roads to reduce the amount of soil from sloughing off of the banks into the ditch. Estimated cost is $125,000 for materials and VCRCD technical assistance. The landowner/tenant would furnish additional labor and irrigation costs. The milestones and estimated timeframe include: Month 3—install tile drain recirculation system into sediment basins; Month 6—obtain specialty seed and liners (recommended by NRCS); Month 9—shape & install headwalls, Month 12—install temporary irrigation for vegetating banks, hydro seed banks, install 2nd tile drain recirculation system into tank; and at Year 2—establish vegetation. Water quality is already being monitored by the Water Board at the upstream end of the Lake. Monitoring data should confirm the efficacy of this project. Additionally, the project could be used as a demonstration site for educational tours.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
5	Santa Monica Bay	Heal the Bay	Beach Water Quality BMP Efficacy Study	$45,000	Heal the Bay will conduct a study to assess the efficacy of beach water quality best management practices (BMPs) in the Los Angeles Region. Staff will analyze BMP performance data and beach water quality data for both pre and post-construction periods, using our extensive Beach Report Card database, and other available BMP performance data. Using these results, the study will evaluate which BMPs are the most effective at bacteria reduction and meeting total maximum daily load (TMDL) waste load allocations. BMPs to be analyzed include diversion of dry weather runoff to sewage treatment plants, urban runoff treatment facilities, infiltration projects, pier improvements including bird excluder devices and infrastructure enhancements and water circulation improvements at enclosed beaches. The analysis will include BMP efficacy during the AB411 time period, winter dry weather and wet weather. A final report will be developed at the end of the one-year study period.
17	Santa Monica Bay	Santa Monica Baykeeper	Ballona Creek Watershed Water Quality Monitoring	$50,000	Santa Monica Baykeeper's Water Quality Monitoring Program is focused in part on identifying and addressing sources of pollution that impact Ballona Creek, and ultimately the Santa Monica Bay and the millions of people who frequent Los Angeles County beaches each year. Over its 15-year history, the water quality monitoring program has taken a holistic approach, conducting coastal and riparian restoration and cleanup projects that improve the overall environmental and public health conditions of the coastal ecosystems. The project will continue to utilize community volunteers and school programs to assess water quality in Ballona Creek and tributaries. Through monthly monitoring and testing the project will identify potential pollution sources and address them in a systematic way. The water quality monitoring program is comparable to EPA's Surface Water Ambient Monitoring Plan with a Quality Assurance Project Plan that insures high quality data is collected by trained volunteers and used to educate and inform the public as well as supplement local and state water agencies. Success of the project will be measured by volunteer recruitment, completeness and quality of data, and raised awareness of water conditions and pollution sources. This project has a one year time line and a total cost of $107,000 of which $57,000 has been secured; funding requested is $50,000.

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18	Santa Monica Bay	Los Angeles Conservation Corps	Coastal Habitat Restoration	$255,000	The proposed project restores three acres of coastal dune habitat along Santa Monica Bay. The goal is to replace invasive ice plant with plants grown from local seed source cultivated at the LA Conservation Corps' SEA Lab native plant nursery. This project will benefit water resources in two ways: by reducing water runoff along the bluffs it will lessen the amount of debris and pollutants entering the ocean, soil health will be restored to historic conditions, and the need for continual irrigation will be lessened. This project has a regional application in that it supports a network of native habitat pockets/islands. SEA Lab has restored 11 acres of coastal habitat and its nursery supplies vegetation for multiple community projects. Support letters are available from LA County Beaches and Harbors, Palos Verdes Peninsula Land Conservancy, West Basin Municipal Water District, and Urban Wildlands. The project fulfills portions of the Beach Bluffs Restoration Project Master Plan (http://www.urbanwildlands.org/bbrp.html), which has received support from individuals, organizations, and government agencies. For over 25 years, the Corps has maintained a solid reputation in LA County for successfully completing contracted work projects; we will collaborate with the Santa Monica Bay Restoration Commission to monitor the success of our project. Over two years, 9,000 native plants will be installed, three acres of invasive vegetation will be removed to restore the habitat, and 500 hours of student and community training will take place at a cost of $255,000.
30	Santa Monica Bay	Santa Monica Bay Restoratino Foundation	Oyster Stock Enhancement in a Santa Monica Bay harbor to reduce total maximum daily loads	$23,000	Southern California harbors are severely impacted by urban runoff, boating related discharges, and other sources of pollution. Oysters act as a natural filter removing suspended solids, excess nutrients, chlorophyll a, and other pollutants from the water column. SMBRF proposes to implement an oyster stock enhancement project of the only native oyster to Southern California within Santa Monica Bay for the purpose of improving water quality, reducing pollutants, and restoring a healthy ecosystem. This is a three year project that will: 1) Survey and assess Marina del Rey Harbor and King Harbor (Redondo Beach) to catalog the existing oyster populations and recruitment capabilities and gather data via site visits on potential areas to create an oyster bed; 2) Conduct an oyster gardening project with the help of community volunteers; and 3) Create and oyster reed in an intertidal area. The estimated cost of this project including staff time and materials is $23,000. An additional component of this project will be to educate voluteers on the importance of a clean harbor and diverse ecosystem.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
31	Santa Monica Bay	County of Los Angeles Dept. of Public Works	Low-Flow Diversion System-wide Improvement Project	$2.5 million	This project aims to improve the operational efficiency of the 23 low-flow diversions (LFDs) that the Los Angeles County Flood Control District operates in the Santa Monica Bay, Marina del Rey, and Long Beach Harbor watersheds. This project will include enhanced remote monitoring capabilities, reliability enhancements, standardizations that will streamline maintenance and repair, and development of a database to process the received data, ultimately to help improve the quality of water that drains to the Los Angeles County Beaches. The project will be implemented through two phases – Phase 1: Design, scheduled to begin in 2012 for an estimated cost of $500,000 and Phase 2: Implementation, scheduled for 2013-2014 at an estimated cost of $2,000,000.
32	Santa Monica Bay	County of Los Angeles Dept. of Public Works	Oxford Retention Basin Multi-Use Enhancement Project	$13 million	This project incorporates many improvements to the Oxford Retention Basin and surrounding area. The project will include mitigating potentially toxic sediments in the basin, adding wetland vegetation and functionality for better water quality, and increasing recreational open space and wildlife habitat. The project will also incorporate Low Impact Development type features. Design is scheduled to be completed by 2012-2013 followed by construction in 2013 2015. The total project cost is currently estimated at $13 million.

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4	Ventura Coastal	County of Ventura Environmental Health Division	Ocean Water Quality Monitoring Program (OWQMP)	$215,000	The OWQMP conducts bacteriological monitoring of ocean water at beach locations, many of which are impacted by contaminated runoff from adjacent storm drainds, along the 42 miles of Ventura County coastline; posts and/or closes beaches as necessary based upon the outcome of monitoring; provides public information on beach water quality issues through the posting of warning signs, maintaining a website and telephone hotlines, and issuing press releases for beachgoers and other interested parties. The OWQMP monitors these beached on a weekly basis throughout the year.
19	Ventura Coastal	City of Ventura, Public Works Department	Sanjon Watershed Restoration Study & Construction Ready Plans	$480,000	Complete a study that will outline the most cost efficient and effective method to restore Ventura's core urban watershed closer to its natural state to improve water quality, increase groundwater infiltration, conserve drinking water supplies and to return the Sanjon Estuary to a natural state. The Sanjon watershed begins in Ventura's scenic wildland hillsides, travels through Ventura's urban mid-town, and discharges near the San Buenaventura State Beach. This is one of the State Park's finest beaches on the central coast and is heavily used by visitors from throughout the Country. As the Sanjon watershed has become more urbanized over the years, the coastal waters near the Sanjon outfall are found to have the poorest water quality along the City's entire coastline, in comparison with all other locations tested. This project would improve water quality, increase groundwater infiltration, conserve drinking water supplies and restore the Sanjon Estuary to its natural state.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
20	Ventura Coastal	City of Ventura, Public Works Department	Parking Lot Stormwater Treatment Retrofit	$560,000	Retrofit an existing paved City parking lot and adjacent streets to capture, treat and infiltrate low-flow stormwater runoff from the parking lot and adjacent city streets. Treatment will be achieved through bioswales with native vegetation and other landscape features that will remove about 25% of the existing parking area. Subsurface infiltration chambers will be installed under the paved parking areas. The lot is located in Ventura's mid-town area bordered by and including S. Katherine Drive and Hartman Drive between Main Street and Thompson Blvd.
21	Ventura Coastal	City of Ventura, Public Works Department	Green Streets	$565,000	Retrofit street medians and sidewalk parkways in key locations throughout Ventura to capture treat and infiltrate urban stormwater runoff from city streets during the dry season. Treatment will be achieved through bioswales with native vegetation and other landscape features. Project also includes public outreach component to educate residents on value of green streets. Outreach will broadcasts on the local community access TV station, web-based broadcasts and information, and a self-guided tour brochures to the various locations.

ID	Watershed	Proponent	Project Name	Estimated Cost	Project Description
2	Ventura River	Santa Barbara Channelkeeper	Ventura River Stream Team Citizen Monitoring Program	$72,000	Santa Barbara Channelkeeper's "Ventura River Stream Team" citizen water quality monitoring program recruits, trains and engages citizen volunteers in collecting important water quality data from 15 sites throughout the Ventura River watershed. The goals of program are to collect, analyze and disseminate data on the health of the Ventura River and its tributaries, identify and facilitate abatement of specific pollution problems in the watershed, and educate and activate a force of volunteer watershed stewards. We host monthly sampling events to train and engage citizen volunteers in collecting important data on the levels numerous physical and chemical parameters, including dissolved oxygen, turbidity, conductivity, pH, temperature, flow, nutrients (nitrite plus nitrate, orthophosphate, total dissolved nitrogen, and total dissolved phosphorus), as well as indicator bacteria (total coliform, E. coli, and Enterococcus), vegetative cover and aquatic life at each monitoring site. We also engage volunteers in conducting additional targeted monitoring efforts to help inform the River's algae and trash TMDLs. All sampling adheres to Quality Assurance Project Plan approved by the State Water Resources Control Board (SWRCB). After each sampling event, data are entered into a database and reviewed for quality control purposes. We share our data with volunteers, the public and regulatory agencies through several means, including with the SWRCB for biennial updates to the 303(d) List, and our data have been used extensively by various agencies to help guide their pollution prevention efforts.
22	Ventura River	Ventura Hillsides Conservancy	Ventura Hillsides Conservancy Lower Ventura River Habitat Restoration	Varies	VHC owns 15 acres of perennially flowing Ventura River and associated floodplain habitat along the lower Ventura River (Foster Park to the estuary). VHC is in the process of acquiring 80 additional acres of "river-bottom" or floodplain habitat within this reach, over 15-acres of which will be converted from industrial land use to river parkway. VHC has begun non-native invasive plant removal and native re-vegetation on its river properties at the upstream boundary of its interest area near Foster Park and will continue to work downstream to the beach. This work will improve water quantity and quality for the endangered steelhead and numerous other sensitive species. In total, VHC is authorized to conduct riparian habitat restoration on approximately 150 publicly- and privately-owned acres of the lower Ventura River. With significant volunteer labor and some contract labor, VHC is striving to eliminate at least 80% of the non-native vegetation in the lower river. Because we can channel any amount of funding into any appropriate acreage, the budget for this project is scalable. (revised 11/22/11)

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28	Ventura River	Ojai Valley Land Conservancy	Floodplain Habitat Restoration	$50,000 - $2,000,000	The Floodplain Habitat Restoration project involves the removal of non-native species such as Giant Reed and the restoration and long term monitoring of native vegetation in the floodplain of the Ventura River and its tributaries. The flows and water quality in the Ventura River and its tributaries will benefit from the removal of high water use non-native plants such as Giant Reed, and the growth of native vegetation and natural wetland areas which can attenuate floods and help remove pollutants from water. The milestones or metrics for this project are the number of acres treated. The cost can average $50,000 per acre and depends on the degree of non-native plant infestation, the number of retreatments necessary, and the need for planting of native plants. The cost includes the hiring of contractors, OVLC staff time managing the project and planting native plants, and/or the cost of the plants and other supplies. The total cost of the habitat restoration project is $2,000,000, but it can be completed in phases, so fines of any amount between $50,000 and $2,000,000 can be utilized for this project, which can be completed in 6 months to 3 years depending on non-native removal and restoration needs.
29	Ventura River	Ojai Valley Land Conservancy	Trail Maintenance & Erosion Control	$25,000	The Trail Maintenance & Erosion Control project involves developing and maintaining roughly 25 miles of public use trails on Ojai Valley Land Conservancy nature preserves in the Ventura River watershed. The water quality in the Ventura River and its tributaries such as Rice Creek and Wills Creek benefit from the trail maintenance work which minimizes erosion while maximizing public access and benefit. Specific trail maintenance activities – and the milestones or metrics for this project – include installation of water bars, periodic trail reroutes (e.g. abandon and restore eroding sections, build new trail sections), and the management of vegetation and the trail walking surface to ensure safe travel and minimize erosion. The annual cost of maintaining roughly 25 miles of trails on OVLC preserves is approximately $25,000 including time and materials. Trail maintenance can be completed in phases, so fines of any amount up to $25,000 can be utilized for this purpose, and projects can be completed within months typically.