

MAINTENANCE ACTIVITY REPORT

Site Name/Facility:	Upper Alvarado channel
PEIR Map No:	Map 64
Date:	February 2011
Preparer Name:	Rudy Bilan, City of San Diego
Instructions: This form must be completed following any work done at a storm water facility. Attach additional sheets if needed.	
Description of Work (e.g., routine, re-occurring; also note general frequency maintenance at this site): Emergency maintenance to remove accumulated trash/debris, vegetation, and sediment within concrete-lined and earthen drainage channel which runs upstream from the west end of Map 59 towards a double-box culvert next to 4580 Alvarado Road.	
Street Name: Alvarado Ct Latitude: N 32°46'38.57" Longitude: W 117°03'49.15"	Work Orientation from Street (N, S, E, W): Commercial (N), Residential (S), SDSU Dormitory (W), Open Space (E) Location Between: Alvarado Rd (N), Cleo St (S), College Av (W)____ Reservoir Dr (E)
Maintenance Facility Type: <input checked="" type="checkbox"/> Stream <input type="checkbox"/> Roadside Ditch <input type="checkbox"/> Spillway <input type="checkbox"/> Culvert <input type="checkbox"/> Detention Basin <input type="checkbox"/> Other: _____	Additional Description: Constructed channel is a small, under-sized concrete-lined and earthen facility taking conveying runoff from surrounding industrial and commercial businesses in the area.
Work within drainage/creek: Length: 1,120' of 3,945' (How many linear feet were cleared)	Name of drainage/creek: Width (FT): 25' to 30' Area (SQ FT): 27,900 Depth (FT): 2'-4' to channel bottom
Is the creek lined: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Notes: 2/3 of channel earthen and 1/3 concrete	Lining Type: <input checked="" type="checkbox"/> Concrete lined both sides, bottom <input checked="" type="checkbox"/> Earthen, both sides, bottom <input type="checkbox"/> Riprap sides, earth bottom <input type="checkbox"/> Concrete sides, earth bottom <input type="checkbox"/> Other type: _____
Silt/Sand Removal: Length: 630' (How many linear feet were cleared of silt/sand)	Describe cause of silt/sand: 805.39 Tons
Debris Removal: Length: 1,120' (How many linear feet were cleared of debris)	Describe debris and cause: 75% silt, 25% vegetation
Were any toxic materials found: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> List toxics: Hazardous Material Manifest: _____	Were more than 9 tires recovered? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> CTL Number: _____
Access via previously disturbed area: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Access route: Existing paved parking lot/driveway and concrete access ramp at west end of Map 64. This area was used for access and storage of

	<p>maintenance equipment.</p> <p>Maintenance Equipment Used: Loader/Excavator, Trucks</p>
<p>Vegetation Removal: Length: 1,120' (How many linear feet were cleared of vegetation)</p>	<p>Types of Vegetation Removed: Cattails, Weeds, Willows</p> <p>(Indicate bush, trees, plants, grasses, list diameter of trunk at 4' height)</p>
<p>Ground Disturbing Activities: Length: 1,120' (How many linear feet were disturbed by activity)</p>	<p>Upland Vegetation Removed - Types & Area: None.</p>
<p>Were erosion controls necessary? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Describe interim erosion control measures: Gravel bags were placed in the drainage facility to isolate maintenance area, and filter sediment, which was removed by loader.</p>
<p>Did work occur within nesting breeding season (January 15 – August 31)?: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Biologist/Monitor/Archaeologist present: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Names: Amy Mattson, Kimberly Davis, Jason Kurnow</p>
<p>Was any water quality sampling required?: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Additional Maintenance Description: This channel naturally accumulated vegetation and sediment due to non- maintenance of downstream portion. Channel maintenance conducted from access ramp to end of Alvarado Medical Building.</p> <p>Work included the following: 1) Temporary dam constructed upstream of maintenance area near east end of Alvarado Medical Building; 2) Sediment and/or vegetation removal performed at two segments of the channel; 3) Loader entered the drain facility from access concrete lined-ramp at parking lot; 3) Loader pushed accumulated material within drainage facility to a central site near access ramp; 4) Gradall scooped accumulated material from central site and loaded items into dump truck; 5) Loaded dump truck departed from drain facility, and off-loaded materials at approved off-site disposal location.</p>	
<p>Describe surrounding land use within work area (assume 500-foot buffer area): The surrounding land uses included commercial business activities throughout the length of the channel from the access ramp (SDSU Plant Nursery Facility) to east end (Alvarado Medical Building).</p>	
<p>Identify temporary/permanent impacts to habitat by area (acres/square footage) as determined by Biologist: Temporary impact included vegetation trimming/clearing and sediment removal from drain facility.</p>	
<p>Additional Comments (Describe any unusual conditions, situations or special requirements needed to do the work such as diversion of water, construction of staging area, replacement of bank material, presence of utilities, etc.):</p> <p>Crew utilized existing paved driveways, parking lots, and the concrete access ramp to enter channel at 6363 Alvarado Court. Implemented sweeping BMP to remove vegetation debris and sediment after loading of spoils from channel was completed. Parking area was used for storage, and staging area for all the machinery. All waste was transferred to a landfill after dried off in the storage area.</p>	

SITE PHOTOS



PHOTO NOTES: View of concrete access ramp about 280 feet from west end of Map 64. Concrete-lined & earthen channel. Looking at side profile of channel from north side.

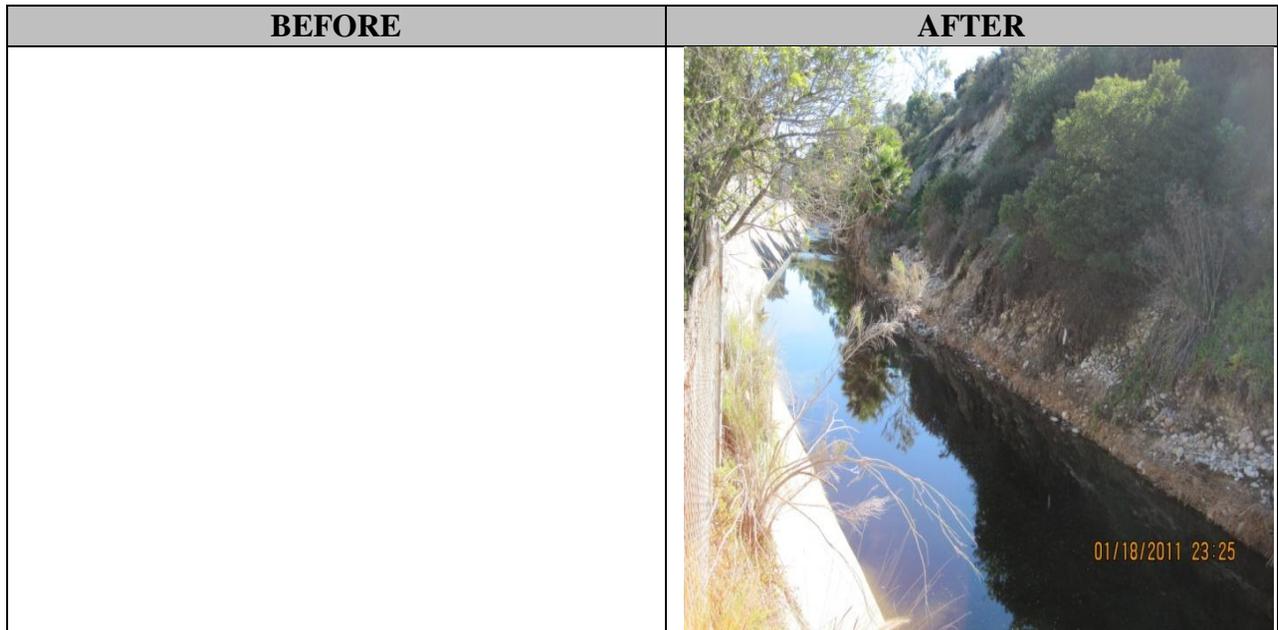


PHOTO NOTES: View from east side of access ramp. Looking upstream in eastern direction.

SITE PHOTOS



PHOTO NOTES: View from midpoint of parking area at 6363 Alvarado Court. Looking upstream in eastern direction.

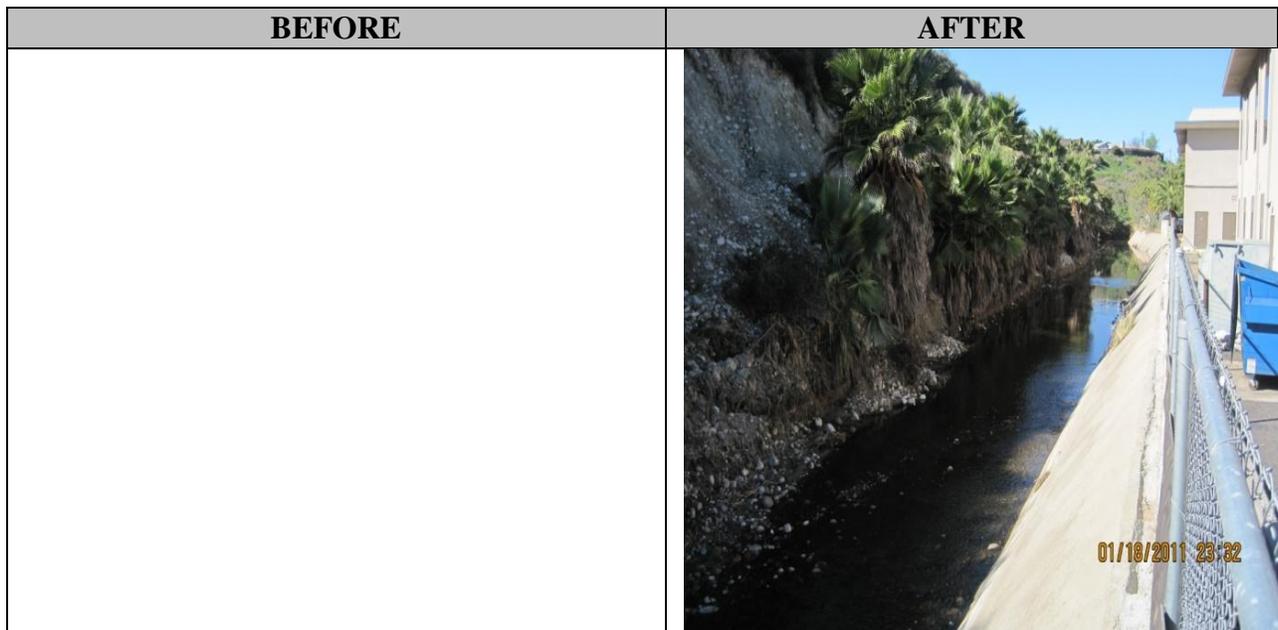


PHOTO NOTES: View from midpoint between 6363 and 6367 Alvarado Court. Looking downstream towards west end of Map 64.

SITE PHOTOS



PHOTO NOTES: View from midpoint of 6367 Alvarado Court. Looking upstream in eastern direction.

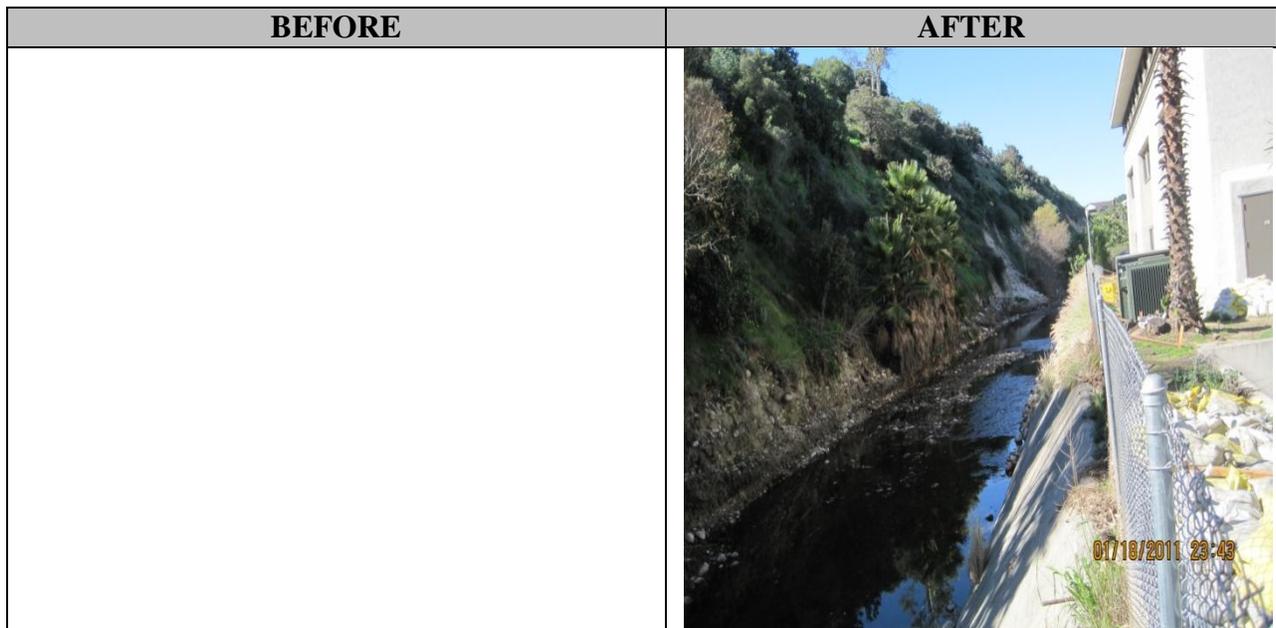


PHOTO NOTES: View from midpoint between 6367 and 6386 Alvarado Court. Looking downstream in western direction.

SITE PHOTOS



PHOTO NOTES: View from midpoint between 6367 and 6386 Alvarado Court. Looking upstream towards east end of Map 64.



PHOTO NOTES: View from north side of channel at east end of bldg at 6386 Alvarado Court. Looking downstream in western direction.

SITE PHOTOS

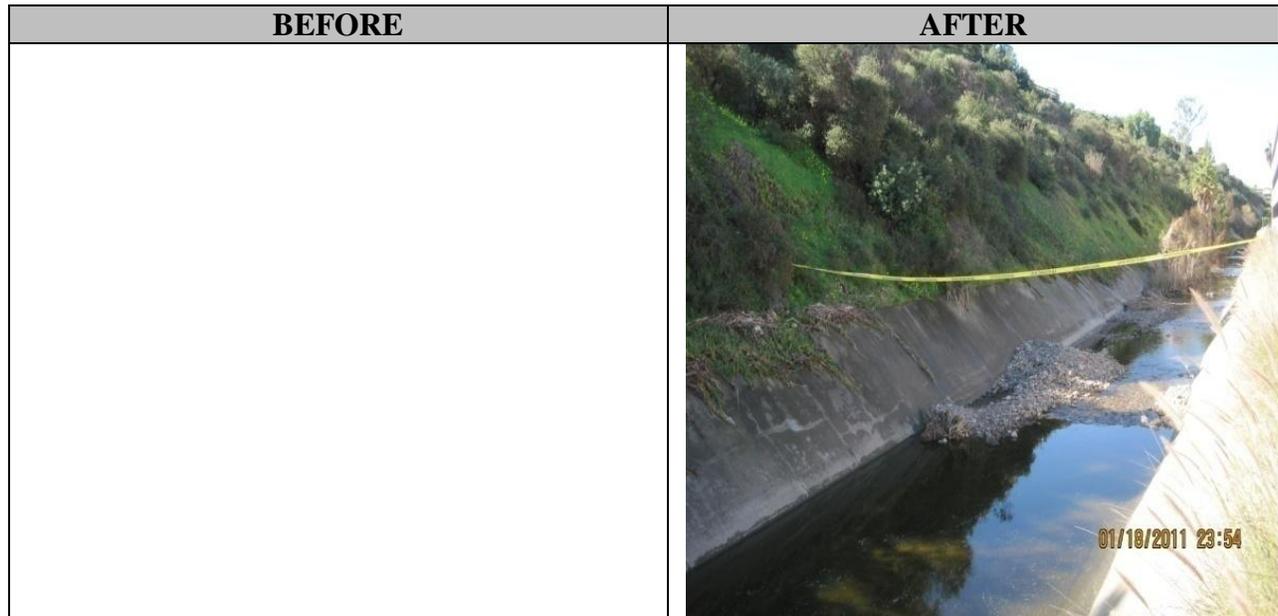


PHOTO NOTES: View from north side of channel near east end of 6386 Alvarado Court. Looking downstream in western direction.