

**Mission Bay High School and Pacific Beach Drive/Olney Channels –
MMP MAP No. 36 & 37
IMP Maintenance Methodology Table**

FACILITY/CHANNEL	MISSION BAY HIGH SCHOOL (MBHS) AND PACIFIC BEACH/OLNEY (PB/OLNEY) CHANNELS	
DIMENSIONS	<u>MBHS CHANNEL</u> TRAPAZOIDAL, CONCRETE-LINED 1,075' LENGTH APPROX. 10' TOP WIDTH 4' BOTTOM WIDTH 2' IN DEPTH 1/2-1' OF SEDIMENT 40-70 CUBIC YARDS MAXIMUM CUBIC YARDS: 150	<u>PB/OLNEYCHANNEL</u> EARTHEN 897' LENGTH APPROX. 20-26' TOP WIDTH 3-5' BOTTOM WIDTH 5-6' IN DEPTH 1/2-1' OF SEDIMENT 80-140 CUBIC YARDS MAXIMUM CUBIC YARDS: 250
MAINTENANCE METHOD	MECHANIZED SEDIMENT & VEGETATION REMOVAL	
EQUIPMENT (EQUIPMENT WILL BE EQUIVALENT OR SMALLER IN SIZE/TYPE)	<ul style="list-style-type: none">• GRADALL• SKID STEER (BOBCAT S650)• RUBBER TRACKED SKIDSTEER (JOHN DEERE 333E)• EXCAVATOR (JOHN DEERE 50D)• DUMP TRUCKS(S) (10/12 YD)• BACKHOE (JOHN DEERE 410K)• VACTOR (2100 PLUS PD)	
SCHEDULE	IN CHANNEL WORK WILL TAKE 1-2 WEEKS – 7 DAYS A WEEK; 7:00 AM TO 7:00 PM.	
STAFFING	MON-FRI – 6 TO 8 PEOPLE SA-SUN – 6 TO 10 PEOPLE (ADDITIONAL TRUCK DRIVERS MAY BE AVAILABLE)	
MAINTENANCE PROCEDURE		
CHANNEL SEQUENCE	<ol style="list-style-type: none"><u>MBHS CHANNEL</u> STATION 9+97 TO 20+72<u>PB/OLNEY CHANNEL</u> PB 1 (STATION 8+58 TO 9+97) PB 2 (STATION 1+00 TO 8+58)	
ACCESS & LOADING AREA(S)	<u>MBHS CHANNEL</u> ACCESS & LOADING AREA – MBI: STATION 10+04 TO 13+09, (305' X 20') - EXCAVATOR & SKID STEER ENTER/EXIT(S) CHANNEL FROM PARKING LOT LOADING AREA – MB2: STATION 20+00 TO 20.72 (72' X 20') – VACTOR TO REMOVE STANDING, INCOMING, OR CONTAINED WATER FROM CHANNEL <u>PB/OLNEY CHANNEL</u> ACCESS & LOADING AREA – PBI: STATION 8+58 TO 8+73, (15' X 20') - RUBBER TRACKED SKID - STEER ENTER/EXIT(S) CHANNEL FROM PACIFIC BEACH DRIVE LOADING AREA – PB2: STATION 1+08 TO 8+58, (750' X 20') - GRADALL LOADS TRUCKS	

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STAGING & STOCKPILE AREA	N/A – NO EQUIPMENT WILL BE STAGED ON SITE. ALL MATERIALS WILL BE HAULED IMMEDIATELY TO A LEGAL DISPOSAL SITE (MIRAMAR LANDIFLL).
METHODOLOGY	<p><u>MBHS CHANNEL</u></p> <ol style="list-style-type: none"> 1. VACTOR(S) TO REMOVE STANDING WATER FROM CHANNEL AT STA 20+72 & THEN POSITION VACTORS AT STA 20+72 & STA 10+04 TO CAPTURE ANY INCOMING OR CONTAINED FLOWS. 2. CREWS INSTALL TEMPORARY SANDBAG BERM ACROSS CHANNEL AT DOWNSTREAM END OF MBHS CHANNEL. 3. SKID-STEER(S) AND/OR EXCAVATOR ENTER/EXIT(S) CHANNEL AT ACCESS & LOADING AREA-MB1. 4. EXCAVATOR MAY BE UTILIZED IN THE CHANNEL IF NECESSARY TO MOVE VEGETATION TO GRADALL, DUE TO CHANNEL GEOMETRY 5. SKID-STEER(S) PUSH VEGETATION & SEDIMENT TO GRADALL STATIONED OUTSIDE OF CHANNEL WITHIN ACCESS & LOADING AREA-MB1. 6. GRADALL STATIONED AT ACCESS & LOADING AREA-MB1 SCOOPS MATERIAL FROM CENTRAL LOCATION WITHIN CHANNEL & LOADS MATERIAL INTO WAITING DUMP TRUCK LOCATED IN EXISTING PAVED PARKING LOT. 7. DUMP TRUCKS HAUL MATERIAL TO LEGAL DISPOSAL SITE. 8. SKID-STEER & EXCAVATOR EXITS CHANNEL. <p><u>PB/OLNEY CHANNEL (PB 1)</u></p> <ol style="list-style-type: none"> 1. VACTOR(S) TO REMOVE STANDING WATER FROM CHANNEL AND CAPTURE ANY INCOMING OR CONTAINED FLOWS AT STA 8+73. 2. CREWS INSTALL TEMPORARY SANDBAG BERM ACROSS PIPE INLET AT DOWNSTREAM END OF PB/OLNEY CHANNEL. 3. RUBBER TRACKED SKID - STEER ENTER/EXIT(S) CHANNEL AT ACCESS POINT WITHIN ACCESS & LOADING AREA-PB1. 4. RUBBER TRACKED SKID - STEER PUSHES MATERIAL TO GRADALL STATIONED ALONG ACCESS & LOADING AREA-PB1 UNTIL IT REACHES EASTERN LIMIT OF WORK (STATION 9+97). 5. GRADALL LOADS MATERIALS FROM PB/OLNEY CHANNEL DIRECTLY INTO DUMP TRUCKS. 6. DUMP TRUCK HAULS MATERIAL TO LEGAL DISPOSAL SITE. <p><u>PB/OLNEY CHANNEL (PB 2)</u></p> <ol style="list-style-type: none"> 1. GRADALL POSITIONS ITSELF ALONG LOADING AREA-PB2 ABOVE CHANNEL BANK & SCOOPS VEGETATION & SEDIMENT FROM CHANNEL INTO DUMP TRUCKS.

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	<ol style="list-style-type: none"> 2. DUMP TRUCK HAULS MATERIAL TO LEGAL DISPOSAL SITE. 3. REMOVE SANDBAG BERM FROM DOWNSTREAM END OF CHANNEL.
POST-MAINTENANCE	<ol style="list-style-type: none"> 1. DEMOBILIZE EQUIPMENT. 2. REMOVE TEMPORARY CONSTRUCTION BMPS.
OTHER NOTES	<ol style="list-style-type: none"> 1. SWEEPERS WILL SWEEP ADJACENT PUBLIC RIGHTS-OF-WAY AND IMMEDIATE TRUCK LOADING SITES NIGHTLY. 2. REMOVE STANDING WATER (IF ANY) WITHIN DRAINAGE FACILITY WITH VACTOR. 3. EQUIPMENT FUELED OUTSIDE CHANNEL & LOCATED AT LEAST 150' FROM WATERS OF US/STATE. 4. BICYCLE/PEDESTRIAN PATH TO BE CLOSED DURING MAINTENANCE ACTIVITIES.