

Appendix D

Classification of Non-storm Water Discharges

	Main Campus	Marine Science Campus	2300 Delaware	MBEST
1 Water Line Flushing	Physical Plant-Plumbing flushes approximately 400,000 gallons per year to ensure potable water quality. UCSC Fire Dept. also exercises hydrants to ensure fire fighting capabilities are maintained. These flows will be investigated in Permit Year 2.	Physical Plant-Plumbing flushes approximately 5,000 gallons to ensure potable water quality. These flows will be investigated in Permit Year 2.	Physical Plant-Plumbing will flush lines to ensure potable water quality and will exercise hydrants to ensure fire fighting capabilities are maintained. This flow will be investigated in Permit Year 2.	Not applicable. Fire hydrants are maintained by the City of Marina. No plans for other flushing of potable water supply.
2 Landscape Irrigation	Flow is covered by BMPs, which minimize overwatering (BMP #80 and #81) and control the usage of pesticides and herbicides (BMP #76).	Flow is covered by BMPs, which minimize overwatering (BMP #80 and #81) and control the usage of pesticides and herbicides (BMP #76).	Flow is covered by BMPs, which minimize overwatering (BMP #80 and #81) and control the usage of pesticides and herbicides (BMP #76).	Not Applicable. Excess flow, if any, would flow to on-site 10-year storm water retention basin.
3 Diverted Stream Flows	Not applicable, would require Section 404 Streambed Alteration Permit from US Army Corp. of Engineers and RWQCB Water Quality Certification	Not applicable, no streams on-site.	Not applicable, no streams.	Not applicable. No streams on-site.
4 Rising Ground Waters	Not applicable, flows if any are evaluated under uncontaminated groundwater infiltration, foundations drains, springs, water from crawl space pumps, footing drains or riparian habitat and wetlands flow.	Not applicable, flows if any are evaluated under uncontaminated groundwater infiltration, foundations drains, springs, water from crawl space pumps, footing drains or riparian habitat and wetlands flow.	Not applicable, flows if any are evaluated under uncontaminated groundwater infiltration, foundations drains, springs, water from crawl space pumps, footing drains or riparian habitat and wetlands flow.	Not applicable, flows if any are evaluated under uncontaminated groundwater infiltration, foundations drains, springs, water from crawl space pumps, footing drains or riparian habitat and wetlands flow.
5 Uncontaminated Ground Water Infiltration*	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flows may be generated from elevator shaft sumps. The current Campus Standard requires that elevator shafts that may be infiltrated have sumps connected to the sanitary sewer and protected by an oil-minder system to ensure only clean water is discharged.	Not applicable. Flow to elevator shaft sump is drained to the sanitary sewer.	More investigation needed. Flow if any would originate in elevator shaft sumps or in basement of Bldg. C. Elevator shaft sumps may need to be retrofitted with an oil minder system or equivalent. Material storage in Bldg. C will need to be designated as only materials not affected by water. this item will be investigated in Permit Year 2.	Not applicable. Groundwater is at 60-80 feet.
6 Uncontaminated Pumped Ground Water	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow from monitoring wells is uncontaminated. Flows are not a source of or exposed to pollutants.	Not applicable, no wells.	Not applicable, no wells.	Not Applicable. The one on-site well is outside of the urbanized area and is used by a lessee for irrigation of an organic farm.
7 Potable Water Discharges	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow is from Inspectors Test Valves for fire protection systems. These flows infiltrate the soil. Flows are not a source of or exposed to pollutants.	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow originates from rinsing boats and motors of salt after excursions. "Stormceptor" in drain line provides treatment for solids and oil/grease.	Not applicable, none known.	Not applicable. None known.
8 Foundation Drains	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flows are not a source of or exposed to pollutants.	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow originates from french drain system around buildings. Flows are not a source of or exposed to pollutants.	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow originates from french drain system under and around building. Flows are not a source of or exposed to pollutants.	Not applicable. No foundation drains identified.
9 Air-Conditioning Condensation	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Buildings on Science Hill are cooled by the Cogeneration plant, so there are no air conditioning units. Elsewhere, air conditioning is not allowed for human comfort cooling. At the few campus locations where air conditioning is required to protect equipment or other resources, condensate is typically drained to the storm sewer. Flows are not a source of or exposed to pollutants.	Not applicable. The only air conditioning unit on site is drained to the sanitary sewer.	More investigation needed. This item will be investigated in Permit Year 2.	Not applicable. No air conditioning.

10 Irrigation Water	Flow is covered by BMPs, which minimize overwatering (BMP #80 and #81) and control the usage of pesticides and herbicides (BMP #76).	Flow is covered by BMPs, which minimize overwatering (BMP #80 and #81) and control the usage of pesticides and herbicides (BMP #76).	Flow is covered by BMPs, which minimize overwatering (BMP #80 and #81) and control the usage of pesticides and herbicides (BMP #76).	Not Applicable. Outside of landscape irrigation, the only irrigation water is used outside of the urbanized area by a lessee for irrigation of an organic farm.
11 Springs	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flows are not a source of or exposed to pollutants	Not applicable, no springs.	Not applicable, no springs.	Not applicable. No springs on-site.
12 Water From Crawl Space Pumps	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow is ground water only. Flows are not a source of or exposed to pollutants.	Not applicable.	Not applicable.	Not applicable. No crawl space pumps identified.
13 Footing Drains	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flows are not a source of or exposed to pollutants	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow originates from french drain system around buildings. Flows are not a source of or exposed to pollutants.	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flow originates from french drain system under and around building. Flows are not a source of or exposed to pollutants.	Not applicable. No foundation or footing drains identified.
14 Lawn Watering	Flow is covered by a BMP, see Pollution Prevention for Operations and Maintenance Turf Management Program (BMP# 80)	Flow is covered by a BMP, see Pollution Prevention for Operations and Maintenance Turf Management Program (BMP# 80)	Flow is covered by a BMP, see Pollution Prevention for Operations and Maintenance Turf Management Program (BMP# 80)	Not applicable. No lawns.
15 Individual Residential Car Washing	More investigation needed. Student residents generally do not have access. Conditions at Family Student Housing and at the faculty and staff housing units will be determined. This item will be investigated in Permit Year 3.	More investigation needed. Only residents are 2 caretakers.	Not applicable. No residents.	Not applicable. No residents.
16 Riparian Habitat and Wetlands Flow	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flows are not a source of or exposed to pollutants.	Flow is not a significant source of pollutants or a threat to beneficial uses of receiving waters. Flows are not a source of or exposed to pollutants.	Not applicable. No riparian habitat or wetlands on site.	Not applicable. No riparian habitat or wetlands on site.
17 De-Chlorinated Swimming Pool Discharges	Not applicable. Swimming pool discharge is to the sanitary sewer.	Not applicable, no swimming pools. Marine Mammal tanks are discharged through an NPDES permit.	Not applicable. No swimming pools.	Not applicable. No swimming pools.

* Infiltration is defined as water other than wastewater that enters a sewer system, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.)