

Project Summary

Project Name	Quail Brush Generation Project
Project Applicant	Quail Brush Genco, LLC
Jurisdiction	City of San Diego
Parcel (APN)	
Hydrologic Unit	San Diego

Compliance Basin Summary

Basin Name:	Central Watershed - North Plant, Plant & SGDE Switch Yards, Slopes, Walls, Pond
Receiving Water:	Central Culvert
Rainfall Basin	Oceanside
Mean Annual Precipitation (inches)	13.3
Project Basin Area (acres):	6.83
Watershed Area (acres):	0.00
SCCWRP Lateral Channel Susceptibility (H, M, L):	
SCCWRP Vertical Channel Susceptibility (H, M, L):	
Overall Channel Susceptibility (H, M, L):	HIGH
Lower Flow Threshold (% of 2-Year Flow):	0.1

Drainage Management Area Summary

ID	Type	BMP ID	Description	Area (ac)	Pre-Project Cover	Post Surface Type	Drainage Soil	Slope
15128	Drains to LID	BMP 1	C02: Landscaping, Retaining Walls, Slopes	0.27	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Steep (greater 10%)
15129	Drains to LID	BMP 2	C03-A: SDGE Switch Yard Pavement	0.25	Pervious (Pre)	Concrete or asphalt	Type C (slow infiltration)	Flat - slope (less ...)
15130	Drains to LID	BMP 2	C03-B: SDGE Switch Yard Gravel	0.7	Pervious (Pre)	Crushed aggregate	Type C (slow infiltration)	Flat - slope (less ...)
15131	Drains to LID	BMP 2	C03-C: SDGE Switch Yard Landscaping, Drainages, Slopes	0.35	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Steep (greater 10%)
16132	Drains to LID	BMP 2	C03-D: SDGE Switch Yard Building	0.03	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
16185	Drains to LID	BMP 3	C04: Landscaping, Drainages	0.25	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Flat - slope (less ...)
16186	Drains to Pond	BMP 6	C05-A: NE Plant Pavement	0.23	Pervious (Pre)	Concrete or asphalt	Type C (slow infiltration)	Flat - slope (less ...)
16187	Drains to Pond	BMP 6	C05-B: NE Plant Gravel	0.42	Pervious (Pre)	Crushed aggregate	Type C (slow infiltration)	Flat - slope (less ...)
16188	Drains to Pond	BMP 6	C05-C: NE Plant Landscaping	0.13	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Flat - slope (less ...)
16189	Drains to Pond	BMP 6	C05-D: NE Plant Misc Structures	0.25	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
16313	Self-Retaining	BMP 6	C05-E: NE Plant Containment Structures	0.09	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
16314	Drains to Pond	BMP 6	C06-A: NW Plant Pavement	0.26	Pervious (Pre)	Concrete or asphalt	Type C (slow infiltration)	Flat - slope (less ...)
16347	Drains to Pond	BMP 6	C06-B: NW Plant Gravel	0.48	Pervious (Pre)	Crushed aggregate	Type C (slow infiltration)	Flat - slope (less ...)
16348	Drains to Pond	BMP 6	C06-C: NW Plant Landscaping	0.11	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Flat - slope (less ...)
16349	Drains to Pond	BMP 6	C06-D: NW Plant Misc Structures	0.21	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
16350	Self-Retaining	BMP 6	C06-E: NW Plant Containment Structures	0.21	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
16473	Drains to LID	BMP 3	C07-A: Plant Switch Yard Pavement	0.01	Pervious (Pre)	Concrete or asphalt	Type C (slow infiltration)	Flat - slope (less ...)
16474	Drains to LID	BMP 3	C07-B: Plant Switch Yard Gravel	0.29	Pervious (Pre)	Crushed aggregate	Type C (slow infiltration)	Flat - slope (less ...)
16475	Drains to LID	BMP 3	C07-C: Plant Switch Yard Building	0.00	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
16476	Drains to Pond	BMP 6	C08-A: Landscaping, Retaining Walls, Slopes, Pond, Access	0.52	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Steep (greater 10%)
19908	Drains to LID	BMP 4	C08-B: Landscaping, Drainages, Slopes, Access	0.22	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Steep (greater 10%)
19909	Drains to LID	BMP 5	C09: Plant Main Buildings	0.68	Pervious (Pre)	Roofs	Type C (slow infiltration)	Flat - slope (less ...)
19910	Drains to LID	BMP 5	C10: Landscaping, Retaining Walls, Slopes	0.22	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Steep (greater 10%)
19911	Drains to LID	BMP 5	C11: Landscaping, Retaining Walls, Slopes	0.65	Pervious (Pre)	Landscaping	Type C (slow infiltration)	Steep (greater 10%)

Pond Facility Summary

Scenario	Description	Bottom Area (sqft)	Top Area (sqft)	Depth (ft)	Volume (cft)	Low Orifice (in)	Low Invert (ft)	High Orifice (in)	High Invert (ft)	Weir Length (ft)	Weir Invert (ft)	Facility Soil	Drawdown (hrs)
Design A	Central Combined Pond	5312	6870	2	15228.4	1.1	0.05	16.00	1.65	10.00	2.5	C	82.00