



TCH
CONSULTING
GROUP, INC.

Sample Take-off Reports

Estimate Reports were created in Paydirt™ Software

	<u>Data Type</u>	<u>Elevation (ft)</u>	<u>Thickness (ft)</u>	<u>Boundary (ft)</u>	<u>Area (sq yd)</u>	<u>Volume (cu yd)</u>
Drawing: C1-C2/C3-C4: limits						
Area of Interest: limits	AOI			10278.06	136766.20	
Surface: Proposed						
algal turf scrubber						
effluent flume	SGA		0.00	709.72	587.55	0.00
pond liner	SGA		0.00	1852.53	22450.98	0.00
TOTALS: algal turf scrubber				2562.24	23038.54	0.00
asphalt pavement						
North Area C3	SGA		1.00	1244.54	1901.96	633.99
South area C-3	SGA		1.00	1973.96	3559.51	1186.50
West road C-4	SGA		1.00	2464.49	2762.94	920.98
TOTALS: asphalt pavement				5683.00	8224.41	2741.47
collection basin						
driveway	SGA		0.50	189.88	151.93	25.32
harvest	SGA		0.00	1070.74	1610.94	0.00
TOTALS: collection basin				1260.62	1762.88	25.32
concrete						
dumpster pad	SGA		0.65	44.09	12.56	2.72
sidewalk (bathroom)	SGA		0.33	267.35	69.82	7.68
TOTALS: concrete				311.44	82.37	10.40
littoral planting						
littoral zone 1	SGA		0.00	1555.05	1413.01	0.00
littoral zone 2	SGA		0.00	182.19	141.36	0.00
littoral zone 3	SGA		0.00	93.45	56.82	0.00
TOTALS: littoral planting				1830.70	1611.20	0.00
pond liner						
transition liner	SGA		0.00	3075.40	1305.85	0.00
TOTALS: pond liner				3075.40	1305.85	0.00
rip-rap						
subgrade	SGA		0.50	68.78	32.74	5.46
subgrade 1	SGA		0.50	80.05	36.51	6.09
subgrade 2	SGA		0.50	91.40	55.68	9.28
subgrade 3	SGA		0.50	58.24	19.18	3.20
subgrade 4	SGA		0.50	90.35	36.45	6.07
subgrade 5	SGA		0.50	211.90	87.81	14.63
subgrade 6	SGA		0.50	63.25	24.45	4.08
subgrade 7	SGA		0.50	52.38	18.76	3.13
subgrade 8	SGA		0.50	46.48	13.06	2.18
TOTALS: rip-rap				762.82	324.64	54.11
sod						
berm	SGA		0.00	3145.92	1233.45	0.00
TOTALS: sod				3145.92	1233.45	0.00
trench						

	Bank Cut (cu yd)	Bank Fill (cu yd)	Cut Swell (%)	Fill Shrink (%)	Adjusted Cut (cu yd)	Adjusted Fill (cu yd)
Drawing: C1-C2/C3-C4						
Existing vs. Proposed						
Area of Interest: limits	75636.30	41454.59	0.00	0.00	75636.30	41454.59
algal turf scrubber						
effluent flume	91.08	217.65	0.00	0.00	91.08	217.65
pond liner	2438.28	16640.76	0.00	0.00	2438.28	16640.76
Total: algal turf scrubber	2529.36	16858.41	0.00	0.00	2529.36	16858.41
asphalt pavement						
North Area C3	55.51	842.98	0.00	0.00	55.51	842.98
South area C-3	86.66	721.72	0.00	0.00	86.66	721.72
West road C-4	810.65	345.02	0.00	0.00	810.65	345.02
Total: asphalt pavement	952.82	1909.72	0.00	0.00	952.82	1909.72
collection basin						
driveway	206.63	121.97	0.00	0.00	206.63	121.97
harvest	1368.29	0.36	0.00	0.00	1368.29	0.36
Total: collection basin	1574.92	122.33	0.00	0.00	1574.92	122.33
concrete						
dumpster pad	0.00	16.25	0.00	0.00	0.00	16.25
sidewalk (bathroom)	100.11	23.55	0.00	0.00	100.11	23.55
Total: concrete	100.11	39.80	0.00	0.00	100.11	39.80
littoral planting						
littoral zone 1	173.63	119.92	0.00	0.00	173.63	119.92
littoral zone 2	3.96	12.53	0.00	0.00	3.96	12.53
littoral zone 3	0.00	8.63	0.00	0.00	0.00	8.63
Total: littoral planting	177.59	141.09	0.00	0.00	177.59	141.09
pond liner						
transition liner	180.89	782.18	0.00	0.00	180.89	782.18
Total: pond liner	180.89	782.18	0.00	0.00	180.89	782.18
rip-rap						
subgrade	44.49	0.00	0.00	0.00	44.49	0.00
subgrade 1	11.68	1.10	0.00	0.00	11.68	1.10
subgrade 2	4.78	16.86	0.00	0.00	4.78	16.86
subgrade 3	3.04	0.01	0.00	0.00	3.04	0.01
subgrade 4	0.80	0.71	0.00	0.00	0.80	0.71
subgrade 5	26.45	0.08	0.00	0.00	26.45	0.08
subgrade 6	0.18	0.83	0.00	0.00	0.18	0.83
subgrade 7	19.83	0.00	0.00	0.00	19.83	0.00

Project Material Totals by Group

	<u>Boundary (ft)</u>	<u>Area (sq yd)</u>	<u>Volume (cu yd)</u>	<u>Conversion Factor</u>	<u>Converted Volume</u>
Drawing: C1-C2/C3-C4: limits					
algal turf scrubber	2562.24	23038.54	0.00	1.00	0.00
asphalt pavement	5683.00	8224.41	2741.47	1.00	2741.47
collection basin	1260.62	1762.88	25.32	1.00	25.32
concrete	311.44	82.37	10.40	1.00	10.40
littoral planting	1830.70	1611.20	0.00	1.00	0.00
pond liner	3075.40	1305.85	0.00	1.00	0.00
rip-rap	762.82	324.64	54.11	1.00	54.11
sod	3145.92	1233.45	0.00	1.00	0.00
trench	9182.09	3473.54	0.00	1.00	0.00
undisturbed area	1362.63	725.63	0.00	1.00	0.00

Project Excavation Totals for Selected Areas of Interest

	<u>Bank Cut (cu yd)</u>	<u>Bank Fill (cu yd)</u>	<u>Cut Swell (%)</u>	<u>Fill Shrink (%)</u>	<u>Adjusted Cut (cu yd)</u>	<u>Adjusted Fill (cu yd)</u>
C1-C2/C3-C4: Existing vs. Proposed						
limits	75636.30	41454.59	0.00	0.00	75636.30	41454.59
Project Total:	75636.30	41454.59	0.00	0.00	75636.30	41454.59
Export:	34181.71				34181.71	

