

Onsite 10am



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BV Sewage Spill	DATE 4/3/07	PROJECT MANAGER	RECORDER NW/EG
STATION NAME 7 East Lagoon	NAV DATUM	LATITUDE 33.17893	LONGITUDE -117.34209
SAMPLE IDENTIFICATION East Lagoon, mouth of middle channel	TIME STARTED (AT SITE) 1115	TIME FINISHED (AT SITE) 1130	GRAB SAMPLE TIME
FIELD TEAM EG/NW			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, clear, light wind

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
1 egret in trees just north of sample site

FIELD MEASUREMENTS: pH 7.69 TEMPERATURE (°C) 19.40 CONDUCTIVITY (µS/cm) 3.63 DO 3.9% 0.36mg/l

surface
middle
bottom

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH BOTTLE #1	7.69	TEMP BOTTLE #2	19.49	COND BOTTLE #3	3.186 µS/cm DO	3.6% 0.33mg/l
pH BOTTLE #4	7.69	TEMP BOTTLE #5	19.49	COND BOTTLE #6	3.186 µS/cm DO	3.6% 0.33mg/l

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
- Motored to site
- dropped anchor to remain in place
- deployed YSI to measure water quality
depth ~ 4 ft - took 3 photos using YSI 6 series

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BML Sewage	DATE 4/3/07	PROJECT MANAGER	RECORDER MW
STATION NAME Site B East Lagoon	NAV DATUM	LATITUDE 33.17939	LONGITUDE -117.34097
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1145	TIME FINISHED (AT SITE) 1155	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, & Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, warm, 70°, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) bubbles

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
just south of pipe discharging large volumes of water, bubbles at surface, do not extend in to sampling area.

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 7.91 TEMPERATURE (°C) 19.66 CONDUCTIVITY (µS/cm) 3252 µS/cm DO 19.64% 0.92 mg/L

Surface 6 inches
middle
bottom

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH 7.84 BOTTLE #1	temp 19.38 BOTTLE #2	Cond 3227 µS/cm DO 4.79% BOTTLE #3	0.40 mg/L
pH 7.81 BOTTLE #4	temp 19.26 BOTTLE #5	Cond 3249 µS/cm DO 4.39% BOTTLE #6	0.36 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
- motored to site
- anchored
- took measurements
- took 3 photos
depth 5 1/2 ft

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage spill	DATE 4/3/07	PROJECT MANAGER	RECORDER KW
STATION NAME Site 9	NAV DATUM	LATITUDE 33.7957	LONGITUDE -117.3440
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1201	TIME FINISHED (AT SITE) 1210	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, clear, breezy, 70°C

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) Some bubbles

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
dead fish at site (catfish)

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: ^{Surface} pH 7.90 TEMPERATURE (°C) 19.94 CONDUCTIVITY (µS/cm) 15410 µS/cm DO 6.2%

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

middle	pH BOTTLE #1 7.86	temp BOTTLE #2 19.83	Cond BOTTLE #3 15411 µS/cm DO 3.6%
bottom	pH BOTTLE #4 7.83	temp BOTTLE #5 19.02	Cond BOTTLE #6 15836 µS/cm DO 3.1%

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 5.911 - no tows to site just SW of plume
- anchored
- took WQ measurements & photos

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage Spill	DATE 4/3/07	PROJECT MANAGER	RECORDER NW
STATION NAME Site 10- East	NAV DATUM	LATITUDE 33.17936	LONGITUDE -117.34209
SAMPLE IDENTIFICATION Just NE	TIME STARTED (AT SITE) 1135	TIME FINISHED (AT SITE) 1145	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, clear, light breeze, 70°C

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) n/a

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 7.89 TEMPERATURE (°C) 19.31 CONDUCTIVITY (µS/cm) 3299 11.1% DO 0.90 mg/L inches

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 pH 7.85 BOTTLE #2 temp 19.02 BOTTLE #3 cond 3338 µS/cm DO 0.55 mg/L bottom

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

- moved to site
- dropped anchor
- took field measurements in 6" and bottom depth at 2.5 ft 2' 5.5"

TEAM LEADER'S SIGNATURE

Arrived at West Lagoon
~ 1530



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage		DATE 4/3/07	PROJECT MANAGER	RECORDER MW
STATION NAME A east of Hillst Bridge		NAV DATUM	LATITUDE 33.16822	LONGITUDE -117.35603
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1548	TIME FINISHED (AT SITE) 1555	GRAB SAMPLE TIME
FIELD TEAM N Woodward, E Goldstein				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Sunny, cooler, breezy, 65°				
WATER QUALITY APPEARANCE	ODOR			
	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> NONE apparent from surface			
	COLOR			
	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER None <input type="checkbox"/> OBJECTS (DESCRIBE)			
TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: clear, clear at surface, normal				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: ⁶¹¹ surface pH 8.01 TEMPERATURE (°C) 22.48°C CONDUCTIVITY (µS/cm) 3045 µS/cm DO 6.57mg/L ^{703%}				
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)				
Middle	BOTTLE #1	pH 8.05	TEMP 22.18°C	COND 3048 µS/cm DO 6.34mg/L
bottom	BOTTLE #4	pH 8.00	TEMP 21.03°C	COND 3059 µS/cm DO 5.48mg/L
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) depth 4' 6" ^{11m} - moved to site, anchored - took wq measurements, GPS, photos using YSI 6802S				
TEAM LEADER'S SIGNATURE				

QA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/15/07	PROJECT MANAGER	RECORDER NW
STATION NAME B - West Lagoon	NAV DATUM	LATITUDE 33.16779	LONGITUDE -117.35439
SAMPLE IDENTIFICATION SW of west lagoon	TIME STARTED (AT SITE) 1615	TIME FINISHED (AT SITE) 1625	GRAB SAMPLE TIME
FIELD TEAM N. woodward, E. Goldstein			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE	apparent from boat			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	algae clumps						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE		<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS		<input type="checkbox"/> NONE		
WATER QUALITY APPEARANCE COMMENTS: normal, algae								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: surface pH 8.46 TEMPERATURE (°C) 22.83°C CONDUCTIVITY (µS/cm) 3081 µS/cm DO 84.3% 7.23 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

middle	BOTTLE #1	pH 8.47	BOTTLE #2	temp 22.74°C	BOTTLE #3	EC 3081 µS/cm	DO 85.1%
bottom	BOTTLE #4	pH 8.47	BOTTLE #5	temp 22.30°C	BOTTLE #6	EC 3092 µS/cm	DO 84.0% 7.26 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 4" - motored to site, anchored
- took measurements, GPS, photos using YSI 6 series
lots of birds flying around

TEAM LEADER'S SIGNATURE _____

QA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME PWL Swage	DATE 4/3/07	PROJECT MANAGER	RECORDER NW
STATION NAME F - west	NAV DATUM	LATITUDE 33° 17' 26.6"	LONGITUDE -117.35101
SAMPLE IDENTIFICATION Northern site, east side of west lagoon	TIME STARTED (AT SITE) 1655	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME
FIELD TEAM N. Woodward, E. Goldstein			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, breezy, 60's

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE (NW)	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER fine particulate
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: Some smaller algal clumps							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
/

FIELD MEASUREMENTS: SW free pH 8.54 TEMPERATURE (°C) 22.84 CONDUCTIVITY (µS/cm) 3607 µS/cm DO 87.97% 7.48 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

Middle	BOTTLE #1	pH 8.55	TEMP 22.85°C	EC 3612 µS/cm	DO 88.41%
Bottom	BOTTLE #4	pH 8.54	TEMP 22.68°C	EC 3669 µS/cm	DO 88.61%

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth 2' 7" took WQ measurements, TDS, photos using 6 series YSI

TEAM LEADER'S SIGNATURE

SA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/13/07	PROJECT MANAGER	RECORDER NW
STATION NAME G-West	NAV DATUM	LATITUDE 33.17335	LONGITUDE -117.35076
SAMPLE IDENTIFICATION just north of	TIME STARTED (AT SITE) 1710	TIME FINISHED (AT SITE) 1715	GRAB SAMPLE TIME
FIELD TEAM N. Woodward, E. Goldstein			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, cool breeze, 60's

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SLIGHT SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)	argul clumps					
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: more of a sewage smell than western sites fine particulate matter on surface in sheen. bubbles							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: surface pH 8.49 TEMPERATURE (°C) 22.35°C CONDUCTIVITY (µS/cm) 3812 µs/cm DO 80.2% 6.91 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

Middle	pH 8.48	temp 22.37°C	EC 3823 µs/cm DO 81.3%	6.97 mg/L
bottom	pH 8.36	temp 21.51°C	EC 3906 µs/cm DO 82.4%	6.30 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 7" - took measurements, GPS, photos using 6 series YSI

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/3/07	PROJECT MANAGER	RECORDER NW
STATION NAME C - West Lagoon	NAV DATUM —	LATITUDE 33.16850	LONGITUDE -117.35509
SAMPLE IDENTIFICATION northwestern site of West Lagoon	TIME STARTED (AT SITE) 1600	TIME FINISHED (AT SITE) 1610	GRAB SAMPLE TIME

FIELD TEAM
N Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, breezy, 65°C

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

algal clumps

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
- algal clumps at surface
- groups of shorebirds flying around

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
—

FIELD MEASUREMENTS: Surface pH 8.39 TEMPERATURE (°C) 22.70°C CONDUCTIVITY (µS/cm) 3051 µS/cm DO 83.8%

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

middle	pH BOTTLE #1 8.40	temp BOTTLE #2 22.73°C	CONDUCTIVITY BOTTLE #3 3058 µS/cm	DO 84.3%
bottom	pH BOTTLE #4 8.39	temp BOTTLE #5 22.59°C	CONDUCTIVITY BOTTLE #6 3052 µS/cm	DO 85.3%

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth: ~3.0ft
- Motored to site, dropped anchor
- took measurements, GPS, photos using YSI 6 series

TEAM LEADER'S SIGNATURE

QW



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/3/07	PROJECT MANAGER	RECORDER NW
STATION NAME D. West	NAV DATUM —	LATITUDE 33.16896	LONGITUDE -117.35061
SAMPLE IDENTIFICATION SE corner of West Lager	TIME STARTED (AT SITE) 1630	TIME FINISHED (AT SITE) 1640	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, cool breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

algal clumps

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
normal, algal

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: surface 6" pH 8.55 TEMPERATURE (°C) 23.10° CONDUCTIVITY (µS/cm) 3121 µS/cm DO 8.57, 7.08 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

middle	BOTTLE #1	pH 8.56	temp 23.13°C	EC 3133 µS/cm	DO 7.16 mg/L
bottom	BOTTLE #4	pH 8.50	temp 22.87°C	EC 3122 µS/cm	DO 6.77 mg/L

79.47, 6.77 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 9" took measurements, GPS, photos using 6 series YSI bottom measurements were double checked, rewrote DO, probe may have been in sediment.

TEAM LEADER'S SIGNATURE

Q/A



WATER QUALITY FIELD DATA LOG

between island & white building

PROJECT/SURVEY NAME BVL Sewage	DATE 4/3/07	PROJECT MANAGER	RECORDER NW
STATION NAME E - West	NAV DATUM —	LATITUDE 33.17080	LONGITUDE -117.35091
SAMPLE IDENTIFICATION Middle on east side of west lagoon	TIME STARTED (AT SITE) 1645	TIME FINISHED (AT SITE) 1655	GRAB SAMPLE TIME —
FIELD TEAM N. Woodward, E. Goldstein			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, breezy, 60's

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER None
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: normal, no metal drums							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: Surface 6" pH 8.54 TEMPERATURE (°C) 23.17 CONDUCTIVITY (µS/cm) 340 µS/cm DO 87.1% DO 7.38 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

middle	pH 8.55	temp 23.17°C	EC 340 µS/cm	DO 88.3%
	BOTTLE #1	BOTTLE #2	BOTTLE #3	BOTTLE #4
bottom	pH 8.54	temp 23.07	EC 3475 µS/cm	DO 86.6%
	BOTTLE #4	BOTTLE #5	BOTTLE #6	BOTTLE #7

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3' 2 1/2" - took measurements, GPS, photos using 6 series YSI

TEAM LEADER'S SIGNATURE

GA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BUL sewage</i>	DATE <i>4/4/07</i>	PROJECT MANAGER	RECORDER <i>AG</i>
STATION NAME <i>1</i>	NAV DATUM	LATITUDE <i>33.17517</i>	LONGITUDE <i>117.34732</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0830</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
Aglassco & D. Owen

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER _____
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER _____
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>bubbles</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.11* TEMPERATURE (°C) *19.71°C* CONDUCTIVITY (µS/cm) *3287 µS/cm* *2.42 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

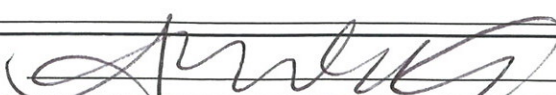
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 0.9 feet

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4/4/07</i>	PROJECT MANAGER	RECORDER <i>Ag</i>
STATION NAME <i>2</i>		NAV DATUM	LATITUDE <i>33.17586</i>	LONGITUDE <i>117.34809</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0840</i>	TIME FINISHED (AT SITE) <i>0845</i>	GRAB SAMPLE TIME
FIELD TEAM <i>A grasso & D. Owen</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast</i>				
WATER QUALITY APPEARANCE	ODOR			
	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER			
	<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE			
	COLOR			
	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
FLOATING MATERIALS				
<input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input checked="" type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>bubbles</i>				
<input type="checkbox"/> OBJECTS (DESCRIBE)				
TURBIDITY				
<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: <i>Water a bit clearer but still heavy cloudiness. less dead fish floating (none visible) and abundant carp population in surrounding waters (highly visible, moving)</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: pH <i>8.05</i> TEMPERATURE (°C) <i>19.55</i> CONDUCTIVITY (µS/cm) <i>3425 M8/cm DO 5.43 mg/L</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____				
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth 0.9 ft.</i>				
TEAM LEADER'S SIGNATURE 				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL sewage</i>	DATE <i>4/4/07</i>	PROJECT MANAGER	RECORDER <i>Ag</i>
STATION NAME <i>3</i>	NAV DATUM	LATITUDE <i>33.17620</i>	LONGITUDE <i>117.34813</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0853</i>	TIME FINISHED (AT SITE) <i>0900</i>	GRAB SAMPLE TIME
FIELD TEAM <i>A. grasso & D. Owen</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>bubbles</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.10* TEMPERATURE (°C) *19.40* CONDUCTIVITY (µS/cm) *333810/cm DO* *2.91 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 1.3 ft.

TEAM LEADER'S SIGNATURE




WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL sewage</i>	DATE <i>4/9/07</i>	PROJECT MANAGER	RECORDER <i>AJ</i>				
STATION NAME <i>4</i>	NAV DATUM	LATITUDE <i>33.17666</i>	LONGITUDE <i>117.34460</i>				
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0811</i>	TIME FINISHED (AT SITE) <i>0815</i>	GRAB SAMPLE TIME				
FIELD TEAM <i>A. grasso & D. Owen</i>							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast,</i>							
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>bubbles</i>
	<input checked="" type="checkbox"/> OBJECTS (DESCRIBE) <i>ox</i> <i>b</i>						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS:				pH <i>8.06</i>	TEMPERATURE (°C) <i>17.22</i>	CONDUCTIVITY (µS/cm) <i>3241 µS/cm</i>	<i>0.75 mg/L</i>
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)							
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____							
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				<i>depth 0.6 feet</i>			
TEAM LEADER'S SIGNATURE							



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL sewage</i>	DATE <i>4/4/07</i>	PROJECT MANAGER	RECORDER <i>Agy</i>	
STATION NAME <i>5</i>	NAV DATUM	LATITUDE <i>33.17730</i>	LONGITUDE <i>117.34539</i>	
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0818</i>	TIME FINISHED (AT SITE) <i>0820</i>	GRAB SAMPLE TIME	
FIELD TEAM <i>A. glasso, D. Owen</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast</i>				
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER		
		<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE		
	COLOR	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER		
		<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>bubbles</i>		
	<input type="checkbox"/> OBJECTS (DESCRIBE)			
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: pH <i>8.06</i> TEMPERATURE (°C) <i>19.19</i> CONDUCTIVITY (µS/cm) <i>32.30 MS</i> DO <i>0.82 mg/L</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)				
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____				
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				
<i>depth 1.3 feet</i>				
TEAM LEADER'S SIGNATURE 				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME ByL sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER AG
STATION NAME site 6	NAV DATUM	LATITUDE 33.17831	LONGITUDE -117.34190
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0750	TIME FINISHED (AT SITE) 0759	GRAB SAMPLE TIME

FIELD TEAM
A. glassco, D. Owen

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) dead fish, algae

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.00 TEMPERATURE (°C) 19.43 CONDUCTIVITY (µS/cm) 3195 µS/cm DO 2.81 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH 7.96 TEMP (°C) 19.42 CONDUCTIVITY (µS/cm) 3201 µS/cm DO 1.07 mg/L

pH 7.74 TEMP (°C) 19.44 CONDUCTIVITY (µS/cm) 3203 µS/cm DO 0.34 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 2.6 feet
site near aerator pump on S. Shaw

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/4/07</i>	PROJECT MANAGER	RECORDER <i>Ag</i>
STATION NAME <i>Site 7</i>	NAV DATUM	LATITUDE <i>33.17894</i>	LONGITUDE <i>117.34208</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0734</i>	TIME FINISHED (AT SITE) <i>0738</i>	GRAB SAMPLE TIME

FIELD TEAM
A glassco, D. Owen

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Overcast,

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input checked="" type="checkbox"/> OBJECTS (DESCRIBE)	<i>dead fish</i>					
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *7.88* TEMPERATURE (°C) *19.63* CONDUCTIVITY (µS/cm) *3211 µS/cm* DO *0.75 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

pH *7.87* TEMP (°C) *19.62* CONDUCTIVITY (µS/cm) *3214 µS/cm* DO *0.52 mg/L*

pH *7.87* TEMP (°C) *19.40* CONDUCTIVITY (µS/cm) *3205 µS/cm* DO *0.04 mg/L*

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 4.6 feet

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER Agg
STATION NAME Site 8	NAV DATUM	LATITUDE 33.17940	LONGITUDE 117.34090
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0717	TIME FINISHED (AT SITE) 0727	GRAB SAMPLE TIME

FIELD TEAM
A. glassow & Downer

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, breezy, 60°F

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) dead fish, bubbles

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
suds/bubbles near pump effluent

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 7.84 TEMPERATURE (°C) 19.70 CONDUCTIVITY (µS/cm) 3,219 µS/cm DO 0.20 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

mid pH 7.82 TEMP (°C) 19.70 CONDUCTIVITY (µS/cm) 3,221 µS/cm DO 0.04 mg/L

bottom pH 7.82 TEMP (°C) 19.70 CONDUCTIVITY (µS/cm) 3,224 µS/cm DO 0.00 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth = 5 ft.

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL sewage</i>	DATE <i>4/4/07</i>	PROJECT MANAGER	RECORDER <i>Ag</i>
STATION NAME <i>9</i>	NAV DATUM	LATITUDE <i>33.17958</i>	LONGITUDE <i>117.34140</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0930</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
A. glassco, D. owen

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>bubbles</i>
	<input checked="" type="checkbox"/> OBJECTS (DESCRIBE) <i>dead fish</i>						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.10* TEMPERATURE (°C) *19.75* CONDUCTIVITY (µS/cm) *3220 µS/cm* *0.50 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

pH *7.99* TEMP (°C) *19.76* CONDUCTIVITY (µS/cm) *3225 µS/cm* *0.40 mg/L*

pH *7.96* TEMP (°C) *19.66* CONDUCTIVITY (µS/cm) *3230 µS/cm* *0.40 mg/L*

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth = 5ft.
site near N side aerator & effluent pipe

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER Ag
STATION NAME site 10	NAV DATUM	LATITUDE 33.17936	LONGITUDE 117.34210
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0740	TIME FINISHED (AT SITE) 0745	GRAB SAMPLE TIME

FIELD TEAM
A. glassco, D. Owen

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) *dead fish*

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
floating algae

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 7.97 TEMPERATURE (°C) 19.55 CONDUCTIVITY (μS/cm) 3257 ^{μS} 3238 ^{ag} DO 4.27 ^{ag} 4.77 ^{ag} 0.85 ^{mg/L}

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

N/A pH _____ TEMP (°C) _____ CONDUCTIVITY (μS/cm) _____ DO _____

pH _____ TEMP (°C) _____ CONDUCTIVITY (μS/cm) _____ DO _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 1.7 feet *DO dropped, recorded higher values but eventually stabilized*

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME A - West	NAV DATUM —	LATITUDE 33.16822	LONGITUDE -117.35603
SAMPLE IDENTIFICATION east of bridge	TIME STARTED (AT SITE) 0755	TIME FINISHED (AT SITE) 0805	GRAB SAMPLE TIME
FIELD TEAM N Woodward, E. Goldstein			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cool, cloudy, light breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input checked="" type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)				<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE		
TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY								
WATER QUALITY APPEARANCE COMMENTS: tidal water level looks higher than yesterday More particulates / green compared to yesterday								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: *Surface* pH 7.60 TEMPERATURE (°C) 20.1°C CONDUCTIVITY (µS/cm) 2.0 µS/cm DO 4.81 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>7.66</u>	TEMP (°C) <u>20.1°C</u>	CONDUCTIVITY (µS/cm) <u>1.99 µS/cm</u>	DO <u>5.86 mg/L</u>
bottom	pH <u>7.68</u>	TEMP (°C) <u>20.1°C</u>	CONDUCTIVITY (µS/cm) <u>1.98 µS/cm</u>	DO <u>5.74 mg/L</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 4ft 4 inches - moved to site coordinates
- took measurements using Horiba
* (DO values shown in negative on Horiba)
- returned to site w/ YSI to re-take DO at 1100

TEAM LEADER'S SIGNATURE _____

DO (YSI)
102.14
8.72 mg/L
102.37
8.88 mg/L
100.77
8.64 mg/L

NS
8

A ← west

YSI measurements @ 1215

windy

Surface temp 20.97 °C
EC 3138 $\mu\text{S}/\text{cm}$
DO 131.7% 11.50 mg/L
PH 8.21

middle temp 20.98 °C
EC 3135 $\mu\text{S}/\text{cm}$
DO 129.5% 11.40 mg/L
PH 8.19

bottom temp 20.90 °C
EC 3088 $\mu\text{S}/\text{cm}$
DO 125.1% 10.89 mg/L
PH 8.17



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME B-west	NAV DATUM —	LATITUDE 33.16772	LONGITUDE -117.35434
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0830	TIME FINISHED (AT SITE) 0838	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, E Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, cool, light breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	See comments						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: fine particulates, dead insects (black & white motes)								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: surface pH 7.96 TEMPERATURE (°C) 20.2°C CONDUCTIVITY (µS/cm) 1.98 nS/cm DO 4.09 mg/L

DO (YSI)
139.69
11.87 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)
middle pH 7.88 TEMP (°C) 20.3°C CONDUCTIVITY (µS/cm) 1.97 nS/cm DO 4.49 mg/L
bottom pH 7.87 TEMP (°C) 20.3°C CONDUCTIVITY (µS/cm) 1.97 nS/cm DO 3.82 mg/L

4.44 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3ft
- motored to site w/ GPS coordinates
- took measurements w/ Horiba
- took site photos
- returned to site @ 11:20 see bracket

TEAM LEADER'S SIGNATURE

CVA NS

YSI Measurements @ 1120

Surface
temp 20.97 °C
EC 14608 $\mu\text{S}/\text{cm}$
DO 143.1% 12.70 mg/L
pH 8.12

Middle
temp 20.94
EC 3127 $\mu\text{S}/\text{cm}$
DO 144.8% 12.81 mg/L
pH 8.13

Bottom
temp 20.93
EC 3128 $\mu\text{S}/\text{cm}$
DO 145.5% 12.88 mg/L
pH 8.13



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME C-West	NAV DATUM	LATITUDE 33 16859	LONGITUDE -117.35499
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0815	TIME FINISHED (AT SITE) 0825	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
cool, cloudy, light breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <u>NONE</u>	
	<input type="checkbox"/> OBJECTS (DESCRIBE)							
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: relatively "clean/clear" no observed surface particles								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: surface pH 7.93 TEMPERATURE (°C) 20.0°C CONDUCTIVITY (µS/cm) 1.96ns/cm DO 4.59 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<u>middle</u>	pH <u>7.75</u>	TEMP (°C) <u>20.0°C</u>	CONDUCTIVITY (µS/cm) <u>1.96ns/cm</u>	DO <u>4.65 mg/L</u>
<u>bottom</u>	pH <u>7.71</u>	TEMP (°C) <u>20.0°C</u>	CONDUCTIVITY (µS/cm) <u>1.96ns/cm</u>	DO <u>5.09 mg/L</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2ft intervals - noted to site w/ GPS coordinates
- took measurements using Horribil
- took photos of site
CDO values shown with negative on Horribil
- returned to site to take DO w/ YSI at 1110

TEAM LEADER'S SIGNATURE _____

DO (YSI)
116.5%
10.3 mg/L
118.7%
10.5 mg/L
119.5%
10.6 mg/L

09 05

YSI Measurements @ 1210

Surface	temp	21.06°C
	EC	3000 $\mu\text{S}/\text{cm}$
	DO	157.24% 13.82 mg/L
	pH	8.30
Middle	temp	21.03°C
	EC	3001 $\mu\text{S}/\text{cm}$
	DO	158.04% 13.96 mg/L
	pH	8.29
bottom	temp	20.94°C
	EC	2999 $\mu\text{S}/\text{cm}$
	DO	163.04% 14.44 mg/L
	pH	8.28



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME D- West	NAV DATUM	LATITUDE 33.16895	LONGITUDE -117.35064
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0855	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, cool breeze.

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER	see below

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
Some feathers on surface

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: *sv face* pH 7.91 TEMPERATURE (°C) 20.6°C CONDUCTIVITY (µS/cm) 2.00 µS/cm DO 4.00 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<i>middle</i>	pH <u>7.87</u>	TEMP (°C) <u>20.6°C</u>	CONDUCTIVITY (µS/cm) <u>2.00 µS/cm</u>	DO <u>4.82 mg/L</u>
<i>bottom</i>	pH <u>7.79</u>	TEMP (°C) <u>20.6°C</u>	CONDUCTIVITY (µS/cm) <u>2.00 µS/cm</u>	DO <u>5.04 mg/L</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 2ft 9 inches

- motored to site using GPS
- took measurements w/ Horriba
- took photos of sample site

(DO values in negative on Horriba)

returned to site to retrieve 1st see book

TEAM LEADER'S SIGNATURE _____

04/15

Measurements w/ YSI at 1128

Surface temp 21.43°C
EC 14487 $\mu\text{S}/\text{cm}$
DO 158.2% 12.80 mg/L
pH 8.20

Middle temp 21.43°C
EC 14568 $\mu\text{S}/\text{cm}$
DO 153.4% 12.88 mg/L
pH 8.20

Bottom temp 21.43°C
EC 14602
DO 153.9% 12.93 mg/L
pH 8.20



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME DVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER KW
STATION NAME E-west	NAV DATUM	LATITUDE 33.17078	LONGITUDE -117.35089
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0915	TIME FINISHED (AT SITE) 0925	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Partly cloudy, sun peering out, light breeze.

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN ^{light}	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER	NONE

OBJECTS (DESCRIBE)

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE in sample w/p

WATER QUALITY APPEARANCE COMMENTS:
Some little white feathers

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: ^{sur face} pH 8.16 TEMPERATURE (°C) 20.8°C CONDUCTIVITY (µS/cm) 2.08 µS/cm DO 2.35 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.12	TEMP (°C) 20.9°C	CONDUCTIVITY (µS/cm) 2.09 µS/cm	DO 2.95 mg/L
bottom	pH 8.07	TEMP (°C) 20.9°C	CONDUCTIVITY (µS/cm) 2.10 µS/cm	DO 2.25 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 3' 11" - Motived to site
- measurements w/ Horiba
- photos

* CDO values are negative on Horiba

TEAM LEADER'S SIGNATURE

09/18

V/S1 measurements @ 1145

Surface
temp 21.54°C
EC 3215 $\mu\text{S}/\text{cm}$
DO 167.0% 14.60 mg/L
pH 8.38

middle
temp 21.53°C
EC 3212 $\mu\text{S}/\text{cm}$
DO 169% 14.81 mg/L
pH 8.38

bottom
temp 21.51°C
EC 3210 $\mu\text{S}/\text{cm}$
DO 170% 14.86 mg/L
pH 8.36



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME F- West	NAV DATUM	LATITUDE 33 17267	LONGITUDE -117.35098
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0930	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
partly cloudy, ^{sun} shine ☉, light breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE	in the air			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	light
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER	none.
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: Smells like sewage at this site								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: surface pH 6.63 TEMPERATURE (°C) 21.0°C CONDUCTIVITY (µS/cm) 2.20ns/cm DO 4.26mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
middle	pH 7.89	TEMP (°C) 21.1°C	CONDUCTIVITY (µS/cm) 2.20ns/cm	DO 4.64mg/L			
bottom	pH 7.66	TEMP (°C) 21.0°C	CONDUCTIVITY (µS/cm) 2.20ns/cm	DO 6.06mg/L	4.80mg/L		

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 8" - motored to site using coordinates
- took water measurements w/ HANNA
- site photos
* (DO values in the negative on HANNA)

TEAM LEADER'S SIGNATURE _____

YSI Measurements @ 1150

Surface	temp	21.63°C
	EC	3394 $\mu\text{S}/\text{cm}$
	DO	151.37% 13.21 mg/L
	pH	8.24
Middle	temp	21.63°C
	EC	3395 $\mu\text{S}/\text{cm}$
	DO	153.39% 13.44 mg/L
	pH	8.23
bottom	temp	21.61°C
	EC	3399 $\mu\text{S}/\text{cm}$
	DO	154.07% 13.49 mg/L
	pH	8.23



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME G-West	NAV DATUM —	LATITUDE 33.17336	LONGITUDE -117.35075
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0940	TIME FINISHED (AT SITE) 0950	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Partly cloudy, sun peaking through, light breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: bubbles, fine particulates on surface Sewage smell in air							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Big fish swimming, eating, splashing in area.

FIELD MEASUREMENTS ^{Surface} pH 7.89 TEMPERATURE (°C) 20.6°C CONDUCTIVITY (µS/cm) 2.26mS/cm DO 4.46mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 7.81	TEMP (°C) 20.6°C	CONDUCTIVITY (µS/cm) 2.26mS/cm	DO 4.91mg/L
bottom	pH 7.72	TEMP (°C) 20.5°C	CONDUCTIVITY (µS/cm) 2.27mS/cm	DO 4.95mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 6" — Motored to site w GPS
— measurements using Horriba
— photos
(DO values in negative?)

TEAM LEADER'S SIGNATURE

YSI Measurements @ 1155

Surface
temp 20.38°C
EC 3541 $\mu\text{S}/\text{cm}$
DO 150.9% 13.22 mg/L
pH 8.16

Middle
temp 21.28°C
EC 3561 $\mu\text{S}/\text{cm}$
DO 149.7% 13.15 mg/L
pH 8.14

bottom
temp 21.16°C
EC 3584 $\mu\text{S}/\text{cm}$
DO 149.3% 13.12 mg/L
pH 8.13



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4 APRIL 07	PROJECT MANAGER	RECORDER NS
STATION NAME 109	NAV DATUM	LATITUDE 33.17920	LONGITUDE -77.34091
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1343	TIME FINISHED (AT SITE) 1352	GRAB SAMPLE TIME

FIELD TEAM
A glassco, N spear

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS (DESCRIBE)	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS, Bubbles	<input type="checkbox"/> OTHER
					Algae		
	TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE		
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **7.15** TEMPERATURE (°C) **20.57** CONDUCTIVITY (µS/cm) **3262** DO **0.22** mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

Surface →	pH 7.81	TEMP (°C) 20.5	CONDUCTIVITY (µS/cm) 3260	DO 0.10 mg/L
depth	pH 7.81	TEMP (°C) 20.58	CONDUCTIVITY (µS/cm) 3261	DO 0.13 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 6ft 8in

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4 APRIL 07	PROJECT MANAGER .	RECORDER NS
STATION NAME 107	NAV DATUM	LATITUDE 33.17 894	LONGITUDE -117.34155
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1355	TIME FINISHED (AT SITE) 1405	GRAB SAMPLE TIME

FIELD TEAM
A. GIASSCO

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

OBJECTS (DESCRIBE) **Algae**

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
*** Bubbles/suds mostly from NS**

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

surface
FIELD MEASUREMENTS: pH **7.97** TEMPERATURE (°C) **20.8** CONDUCTIVITY (µS/cm) **3217** DO **0.89**

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH **7.81** TEMP (°C) **20.73** CONDUCTIVITY (µS/cm) **3233** DO **0.45**

pH **7.82** TEMP (°C) **20.42** CONDUCTIVITY (µS/cm) **3236** DO **0.52**

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
6ft 4in

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4 April 07	PROJECT MANAGER	RECORDER NS
STATION NAME 108	NAV DATUM	LATITUDE 33.17933	LONGITUDE -117.34196
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1405	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME
FIELD TEAM AG NS			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

Bubbles

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: *Surface* pH **7.87** TEMPERATURE (°C) **20.8** CONDUCTIVITY (µS/cm) **3221** DO **0.41**

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

mid pH **7.82** TEMP (°C) **20.70** CONDUCTIVITY (µS/cm) **3232** DO **0.35**

bottom pH **7.85** TEMP (°C) **20.42** CONDUCTIVITY (µS/cm) **3238** DO **0.34**

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

2ft 7m

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4 April 07	PROJECT MANAGER	RECORDER NS
STATION NAME 107NS 106	NAV DATUM	LATITUDE 33.17828	LONGITUDE -117.34190
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1420	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME
FIELD TEAM AG, NS			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
wind from west

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)	BUBBLES, ALGAE					
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: Surface pH 7.98 TEMPERATURE (°C) 21.47 CONDUCTIVITY (µS/cm) 3260 DO 0.48 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

	pH 7.90	TEMP (°C) 21.56	CONDUCTIVITY (µS/cm) 3266	DO 0.28 mg/L
bottom	pH 7.94	TEMP (°C) 21.47	CONDUCTIVITY (µS/cm) 3265	DO 0.35 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
2 ft 5 in.

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4 April 07	PROJECT MANAGER	RECORDER Ag
STATION NAME 104	NAV DATUM	LATITUDE 33.17665	LONGITUDE 117.34459
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1442	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
AG/INS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast - wind 0-5 kts from W.

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <u>Bubbles</u>

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
dead fish

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.07 TEMPERATURE (°C) 22.18 CONDUCTIVITY (µS/cm) 3289 3277 MS/cm DO 7.61 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth = 10 in.

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4 Apr 07</i>	PROJECT MANAGER	RECORDER <i>Ag</i>
STATION NAME <i>105</i>	NAV DATUM	LATITUDE <i>33.17720</i>	LONGITUDE <i>117.34536</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1455</i>	TIME FINISHED (AT SITE) <i>1505</i>	GRAB SAMPLE TIME
FIELD TEAM <i>AGNS</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>algae</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>live fish visible nearby</i>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.04* TEMPERATURE (°C) *20.85* CONDUCTIVITY (µS/cm) *3212 µS/cm* DO *0.79 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH	TEMP (°C)	CONDUCTIVITY (µS/cm)	DO
_____	_____	_____	_____
pH	TEMP (°C)	CONDUCTIVITY (µS/cm)	DO
_____	_____	_____	_____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth = 11 in

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4 Apr. 07	PROJECT MANAGER	RECORDER Aej
STATION NAME 101	NAV DATUM	LATITUDE 33.17516	LONGITUDE 117.34725
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1519	TIME FINISHED (AT SITE) 1525	GRAB SAMPLE TIME

FIELD TEAM
Agboyo, N. Spear

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER algae
	<input type="checkbox"/> OBJECTS (DESCRIBE)		↳ wood/reefs				
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.13 TEMPERATURE (°C) 22.91°C CONDUCTIVITY (µS/cm) 3461 DO 11.30 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth = 7 inches

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4 April 07</i>	PROJECT MANAGER	RECORDER <i>Ag</i>			
STATION NAME <i>102</i>		NAV DATUM	LATITUDE <i>33.17583</i>	LONGITUDE <i>117.34808</i>			
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1532</i>	TIME FINISHED (AT SITE) <i>1543</i>	GRAB SAMPLE TIME			
FIELD TEAM <i>AGNS</i>							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>Sunny</i>							
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>algae, bubbles</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS: pH <i>8.22</i> TEMPERATURE (°C) <i>23.25</i> CONDUCTIVITY (µS/cm) <i>3300 µS/cm</i> DO <i>15.78 mg/L</i>							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____							
pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)							
<i>Boin depth. YSI needed to be restricted twice before connecting & measuring.</i>							
<i>live cap</i>							
TEAM LEADER'S SIGNATURE							



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL sewage</i>	DATE <i>4 Apr. 07</i>	PROJECT MANAGER	RECORDER <i>AJ</i>
STATION NAME <i>103</i>	NAV DATUM	LATITUDE <i>33.17617</i>	LONGITUDE <i>117.34813</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1549</i>	TIME FINISHED (AT SITE) <i>1553</i>	GRAB SAMPLE TIME

FIELD TEAM
AJ, NS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Sunny, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>algae</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.50* TEMPERATURE (°C) *23.65* CONDUCTIVITY (µS/cm) *3329 µS/cm @ 20.61 mg/L*

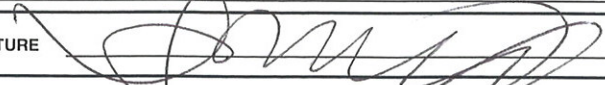
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 1ft 7.5 inches *restarted YSI 2x to see if valve was correct*

TEAM LEADER'S SIGNATURE 



WATER QUALITY FIELD DATA LOG

10A

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME LOPAF (middle)	NAV DATUM —	LATITUDE 33.16825	LONGITUDE -117.35600
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1420	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, breezy 62°

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input checked="" type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL algal clumps	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: algal clumps on surface.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
—

FIELD MEASUREMENTS: Surface pH 7.97 TEMPERATURE (°C) 21.3°C CONDUCTIVITY (µS/cm) 2.02 mS/cm

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 7.93	TEMP (°C) 21.3°C	CONDUCTIVITY (µS/cm) 2.02 mS/cm
bottom	pH 7.82	TEMP (°C) 21.0°C	CONDUCTIVITY (µS/cm) 2.01 mS/cm DO

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 4' 4" — took measure vents using Horni bar
— took photos (datasheet, N, W, E, S)

TEAM LEADER'S SIGNATURE

2
ac/04

YSI measurements @ 1040

Surface PH 8.35
temp 21.35°
DO 141.3% 12.39 mg/L
EC 3199 $\mu\text{S}/\text{cm}$

middle temp 21.35
EC 3199 $\mu\text{S}/\text{cm}$
PH DO 141.3% 12.39 mg/L
PH 8.35

bottom temp 21.35°C
EC 3199 $\mu\text{S}/\text{cm}$
DO 141.3% 12.39 mg/L
PH 8.35



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME 10B (middle)	NAV DATUM —	LATITUDE 33.16776	LONGITUDE -117.3544
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1435	TIME FINISHED (AT SITE) 1445	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> COLORLESS (M)				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)							
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input checked="" type="checkbox"/> NONE (e)				
WATER QUALITY APPEARANCE COMMENTS: "Clear, clear on surface"								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
—

FIELD MEASUREMENTS: Surface pH 8.28 TEMPERATURE (°C) 20.5°C CONDUCTIVITY (µS/cm) 197 µS/cm DO -0.49 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.22	TEMP (°C) 21.6°C	CONDUCTIVITY (µS/cm) 197 µS/cm	DO -0.37 mg/L
bottom	pH 8.24	TEMP (°C) 21.6°C	CONDUCTIVITY (µS/cm) 197 µS/cm	DO -0.69 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 7" - took measurements w/ Horriba
- took photos (distastect, N, W, E, S)

TEAM LEADER'S SIGNATURE

QC/QA 35

YSI Measurements at 1650

Surface temp 21.78°C
EC 3077 $\mu\text{S}/\text{cm}$
DO 170.4% 14.83 mg/L
PH 8.41

Middle temp 21.79°C
EC 3078 $\mu\text{S}/\text{cm}$
DO 171.5% 14.90 mg/L
PH 8.41

bottom
temp 21.78°C
EC 3077 $\mu\text{S}/\text{cm}$
DO 171.6% 14.90 mg/L
PH 8.41



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME 10D (middle)	NAV DATUM	LATITUDE 33.16899	LONGITUDE -117.35070
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 03:10:15	TIME FINISHED (AT SITE) 1518	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, E. Boldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> ^{light} SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <u>None</u>

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
normal

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
/

FIELD MEASUREMENTS: ^{surface} pH 8.28 TEMPERATURE (°C) 22.0°C CONDUCTIVITY (µS/cm) 1.99 µS/cm DO -0.58 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.25	TEMP (°C) 22.1°C	CONDUCTIVITY (µS/cm) 1.99 µS/cm	DO -0.85 mg/L
bottom	pH 8.23	TEMP (°C) 22.1°C	CONDUCTIVITY (µS/cm) 2.00 µS/cm	DO -0.88 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 10"
w @ measurements w/ Hanna
took site photos (datasheet, N, S, EW)

TEAM LEADER'S SIGNATURE

QC/QA 23

YSI Measurements @ 1700

Surface temp 22.26°C
EC 3063 $\mu\text{S}/\text{cm}$
DO 174.6% 15.01 mg/L
pH 8.50

Middle temp 22.27°C
EC 3062 $\mu\text{S}/\text{cm}$
DO 175.2% 15.09 mg/L
pH 8.50

Bottom temp 22.26°C
EC 3062 $\mu\text{S}/\text{cm}$
DO 175.4% 15.09 mg/L
pH 8.50

YSI Measurements @ 1710

Surface temp 22.90°C
EC 3100 $\mu\text{S}/\text{cm}$
DO 179.4% 15.52 mg/L
PH 8.52

Middle temp 22.31°C
EC 3106 $\mu\text{S}/\text{cm}$
DO 181.5% 15.58 mg/L
PH 8.52

Bottom temp 22.30°C
EC 3098 $\mu\text{S}/\text{cm}$
DO 181.4% 15.61 mg/L
PH 8.52



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER NW
STATION NAME 10F (middle)	NAV DATUM	LATITUDE 33.17272	LONGITUDE -117.35095
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1540	TIME FINISHED (AT SITE) 1548	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, B. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
partly cloudy cool light breeze (west)

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	See comments						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: Some bubbles. fine particulates on surface								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: ^{surface} pH 8.38 TEMPERATURE (°C) 22.2°C CONDUCTIVITY (µS/cm) 2.23 nS/cm DO 2.88 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.38	TEMP (°C) 22.7°C	CONDUCTIVITY (µS/cm) 2.24 nS/cm	DO 2.75 mg/L
bottom	pH 8.29	TEMP (°C) 22.1°C	CONDUCTIVITY (µS/cm) 2.26 nS/cm	DO 2.13 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 8" measurements w/ Horiba
took photos at sampling site.

TEAM LEADER'S SIGNATURE

YSI Measurements @ 1720

Surface temp 22.04 °C
EC 3430 $\mu\text{S}/\text{cm}$
DO 206%. 17.88 mg/L
pH 8.57

middle temp 22.02 °C
EC 3434 $\mu\text{S}/\text{cm}$
DO 207.9%. 17.96 mg/L
pH 8.57

bottom temp 22.00 °C
EC 3434 $\mu\text{S}/\text{cm}$
DO 206.6%. 17.90 mg/L
pH 8.56



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/4/07	PROJECT MANAGER	RECORDER MW
STATION NAME 10 G (middle)	NAV DATUM —	LATITUDE 33.17334	LONGITUDE -117.35075
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1550	TIME FINISHED (AT SITE) 1555	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, E. Goldstein

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
partly cloudy, light breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER	see comments

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
algal dumps, fine particulates, bubbles

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: ^{sur face} pH 8.36 TEMPERATURE (°C) 22.0°C CONDUCTIVITY (µS/cm) 2.31 nS/cm DO 2.50 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.33	TEMP (°C) 22.0°C	CONDUCTIVITY (µS/cm) 2.31 nS/cm	DO 2.177 mg/L
bottom	pH 8.19	TEMP (°C) 21.8°C	CONDUCTIVITY (µS/cm) 2.32 nS/cm	DO 1.0 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 7" WQ measurements w/ Horiba probs of sample site

TEAM LEADER'S SIGNATURE

QC / QA 23

YSI Measurements @ 1730

Surface
temp 21.76°C
EC 3535 $\mu\text{S}/\text{cm}$
DO 208.9% 18.14 mg/L
PH 8.56

Middle
temp 21.74°C
EC 3536 $\mu\text{S}/\text{cm}$
DO 210.0% 18.24 mg/L
PH 8.56

bottom
temp 21.72°C
EC 3539 $\mu\text{S}/\text{cm}$
DO 208.7% 18.15 mg/L
PH 8.55

Y51 600XL (Ashhead manual)



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/5/07	PROJECT MANAGER D. Kenfrew	RECORDER CH
STATION NAME 109	NAV DATUM	LATITUDE 33.17923	LONGITUDE -117.34089
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0721	TIME FINISHED (AT SITE) 0728	GRAB SAMPLE TIME
FIELD TEAM Damon Owen & Cathy Hartman			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0.3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: heavy salt at aerator, turbid, strong sewage odor, few fish observed, head in lagoon appears							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
to have dropped ~ 2"

FIELD MEASUREMENTS: pH 8.86 TEMPERATURE (°C) 19.98 CONDUCTIVITY (µS/cm) 3478 DO 0.39 mg/L top

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH 8.82 TEMP (°C) 19.98 CONDUCTIVITY (µS/cm) 3477 DO 0.25 mg/L n.d.

pH 8.81 TEMP (°C) 19.99 CONDUCTIVITY (µS/cm) 3482 DO 0.22 mg/L bottom

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Tape down - depth 6.1'
photos - E, S, W, N

TEAM LEADER'S SIGNATURE _____

Low



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>	DATE <u>4/5/07</u>	PROJECT MANAGER <u>D. Kenfield</u>	RECORDER <u>CH</u>
STATION NAME <u>107</u>	NAV DATUM <u>83</u>	LATITUDE <u>33.17889</u>	LONGITUDE <u>-117.34162</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>0732</u>	TIME FINISHED (AT SITE) <u>0737</u>	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen & Cathy Hartman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
	TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE		
WATER QUALITY APPEARANCE COMMENTS: <u>no foam/suds within immediate site. No fish observed. Strong sewage odor. opaque. M-d sized single</u>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
bubbles popping at surface. 1 seagull feeding

FIELD MEASUREMENTS: pH 8.86 TEMPERATURE (°C) 20.05 CONDUCTIVITY (µS/cm) 3477 DO 8.86 mg/L
top

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

				<u>0.51 mg/L</u>	<u>top</u>
pH	<u>8.83</u>	TEMP (°C)	<u>20.02</u>	CONDUCTIVITY (µS/cm)	<u>3479</u>
				DO	<u>0.34 mg/L</u>
pH	<u>8.77</u>	TEMP (°C)	<u>19.98</u>	CONDUCTIVITY (µS/cm)	<u>3480</u>
				DO	<u>0.20 mg/L</u>

mid
bottom

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 4.6'
pics - E, S, W, N

TEAM LEADER'S SIGNATURE _____

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>	DATE <i>4/5/07</i>	PROJECT MANAGER <i>D. Rolfrew</i>	RECORDER <i>CH</i>
STATION NAME <i>108</i>	NAV DATUM	LATITUDE <i>33.17936</i> 33.936	LONGITUDE <i>-117.34200</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1005</i>	TIME FINISHED (AT SITE) <i>1010</i>	GRAB SAMPLE TIME
FIELD TEAM <i>Damon Owen / Cathy Harkin</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>none</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>Strong sewage odor. no suds. sparse dead fish.</i>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.99* TEMPERATURE (°C) *19.96* CONDUCTIVITY (µS/cm) *3487* DO *0.46 mg/L* ← top

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH	BOTTLE #1	<i>8.93</i>	BOTTLE #2	<i>19.96</i>	BOTTLE #3	<i>3485</i>	DO	<i>0.25 mg/L</i> ← mid
	BOTTLE #4	<i>8.90</i> <i>kmv</i>	BOTTLE #5	<i>19.87</i> <i>low d</i>	BOTTLE #6	<i>3522</i>	DO	<i>0.18 mg/L</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 2.9'
PCS - datasheet, E, S, W, N

TEAM LEADER'S SIGNATURE _____

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/5/07	PROJECT MANAGER D. Kenfrew	RECORDER CH			
STATION NAME 106		NAV DATUM	LATITUDE 33.17820	LONGITUDE -117.34189			
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0745	TIME FINISHED (AT SITE) 0752	GRAB SAMPLE TIME			
FIELD TEAM Damon Owen & Cathy Ashman							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, 0-3 knots, low bar							
WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
		<input type="checkbox"/> OBJECTS (DESCRIBE)					
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: Heavy suds at reactor, moderate suds at 106. less fish observed (compared to 4/4)							
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) 4							
FIELD MEASUREMENTS: pH 8.73 TEMPERATURE (°C) 19.69 CONDUCTIVITY (µS/cm) 3447 DO 0.41 mg/L							
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)							
pH	BOTTLE #1	8.75	BOTTLE #2	19.70	BOTTLE #3	3447	DO 0.16 mg/L
	BOTTLE #4	8.77	BOTTLE #5	19.71	BOTTLE #6	3407	DO 0.14 mg/L
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) wastes sampling plan site 106 lat/long appear incorrect * depth 3.5'. 10 yards Northeast of south shore reactor. pics E, S, W, N							
TEAM LEADER'S SIGNATURE _____							

* sampling plan lat/long appear to be in island

low



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>	DATE <u>4/5/07</u>	PROJECT MANAGER <u>D. Kenfrew</u>	RECORDER <u>CH</u>
STATION NAME <u>104</u>	NAV DATUM	LATITUDE <u>33.17670</u>	LONGITUDE <u>-117.34454</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>0830</u>	TIME FINISHED (AT SITE) <u>0835</u>	GRAB SAMPLE TIME
FIELD TEAM <u>Damon Owen & Cathy Hartman</u>			
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <u>overcast, 0-3, low 60s</u>			
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER		
	<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE		
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER		
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <u>Some flocculent matted algae</u>		
TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <u>sewage odor less strong. lots of birds. live carp activity. No suds. Few bubbles</u>			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)			
FIELD MEASUREMENTS: pH <u>8.50</u> TEMPERATURE (°C) <u>18.62</u> CONDUCTIVITY (µS/cm) <u>3360</u> DO <u>1.08 mg/l</u>			
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)			
BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____			
BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____			
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)			
<u>Depth 0.7', plus E, S, W, N</u>			
TEAM LEADER'S SIGNATURE _____			



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/5/07	PROJECT MANAGER D. Renfro	RECORDER CA
STATION NAME 105	NAV DATUM	LATITUDE 33.17739	LONGITUDE -117.34536
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0809	TIME FINISHED (AT SITE) 0814	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen & Cathy Hartman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE ^{faint}	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <u>fluorescent matted algae</u>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: odor of sewage much less strong. No dead fish observed.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.56 TEMPERATURE (°C) 18.45 CONDUCTIVITY (µS/cm) 3347 DO 0.48 mg/L ←

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

moderate fish kill in d-channel
Depth 0.75'
pics E, S, W, N. pic of algae. pic of data sheet last.

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/5/07	PROJECT MANAGER D. Renfrew	RECORDER CH
STATION NAME 101	NAV DATUM	LATITUDE 33.17521	LONGITUDE -117.34724
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0915	TIME FINISHED (AT SITE) 0920	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen / Cathy Hochman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER None
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: water much less opaque. can see bottom. No dead fish. lots of birds.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **8.59** TEMPERATURE (°C) **18.47** CONDUCTIVITY (µS/cm) **3675** DO **1.31 mg/L** ←

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

Depth - 0.8'

pts. detashed, E, S, W, N

TEAM LEADER'S SIGNATURE _____

W



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/5/07	PROJECT MANAGER D. Conroy	RECORDER CH
STATION NAME 102	NAV DATUM	LATITUDE 33.17582	LONGITUDE -117.34808
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0900	TIME FINISHED (AT SITE) 0907	GRAB SAMPLE TIME

FIELD TEAM
Damen Owen / Cathy Hashman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER flocculent matted algae
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE	less opaque than any other site		
WATER QUALITY APPEARANCE COMMENTS: sewage odor not as strong as eastern sites. No dead fish observed. lots of birds. less carp than other sites.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
none today (improved to yesterday).

FIELD MEASUREMENTS: pH 8.64 TEMPERATURE (°C) 18.74 CONDUCTIVITY (µS/cm) 3604 DO 0.80mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____
BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0.5'
pisc - darters, E, S, W, N

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/5/07	PROJECT MANAGER D. Rutherford	RECORDER CH
STATION NAME 103	NAV DATUM	LATITUDE 33.617620	LONGITUDE -117.34822
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0850	TIME FINISHED (AT SITE) 0859	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen / Cathy Astman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, low 60s, 0-3 knots
feels colder - breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>some algae</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: firming / feeding behavior observed in carp. Not gulping. sewage smell less strong. No suds. Some algae.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
lots of bird activity. turbid

FIELD MEASUREMENTS: pH 8.91 TEMPERATURE (°C) 19.12 CONDUCTIVITY (µS/cm) 3524 DO 1.69 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1	BOTTLE #2	BOTTLE #3
BOTTLE #4	BOTTLE #5	BOTTLE #6

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0.6'
PICS - E, S, W, N. pic of depth sheet is lost.

TEAM LEADER'S SIGNATURE _____

Lo

YSI Calibrated 20721

5/APRIL/07 ^{NS}

YSI 556



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 5 APRIL 07	PROJECT MANAGER REMPREW	RECORDER NS
STATION NAME 10A	NAV DATUM	LATITUDE 33.16825	LONGITUDE -117.35603
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1047	TIME FINISHED (AT SITE) 1055	GRAB SAMPLE TIME

.603

FIELD TEAM
FIG, NS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST.

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS	Sample water colorless			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	

OBJECTS (DESCRIBE) **NONE**

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
- Sample appears clear, but water body is opaque cloudy

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **8.30** TEMPERATURE (°C) **19.86** CONDUCTIVITY (µS/cm) **3113** DO **4.91** ^{NS} **5.40**

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

wind	pH 8.08	TEMP (°C) 19.83	CONDUCTIVITY (µS/cm) 3132	DO 5.79
depth	pH 8.16	TEMP (°C) 19.7	CONDUCTIVITY (µS/cm) 3133	DO 4.56

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

4.4ft.	City	DO ^{mg/L} 6.26	°C 19.9
	Sample	6.10 mg/L	
	Mid	5.00	19.9
	depth	4.95	19.9

TEAM LEADER'S SIGNATURE **Nata**

LA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 5 APRIL 07	PROJECT MANAGER RENFREW	RECORDER AG
STATION NAME 10B	NAV DATUM	LATITUDE 33.16782	LONGITUDE -117.35438
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0745	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
AG, NS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, slight breeze, ~62

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input checked="" type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS	Slightly		
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input checked="" type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: water sample had some fine particulates, slight brown color							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH ^{7.69}**7.25** TEMP (°C) **20.07** CONDUCTIVITY (µS/cm) **2913** DO **2.85** mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

pH **7.83** TEMP (°C) **20.14** CONDUCTIVITY (µS/cm) **2901** DO **3.37** mg/L

pH **7.79** TEMP (°C) **20.10** CONDUCTIVITY (µS/cm) **2824** DO **2.05** mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth = 2.7 ft. orig. samples measured w/ DO meter: YSI - Weston.

TEAM LEADER'S SIGNATURE _____

La



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 5 APRIL 07	PROJECT MANAGER	RECORDER AGJ
STATION NAME 15B (again)	NAV DATUM	LATITUDE 33.16776	LONGITUDE 117.35444
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1108	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME
FIELD TEAM AGNS			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, ~70 F

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input checked="" type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS	slight		
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)	fine particulates, bird evidence, insects					
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input checked="" type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: water cloudy in water column but sample pretty clear.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **8.23** TEMPERATURE (°C) **20.23** CONDUCTIVITY (µS/cm) **3034 µS/cm** DO **8.45 mg/L**

city
Temp DO mg/L
20.4 7.10

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

pH **8.19** TEMP (°C) **20.30** CONDUCTIVITY (µS/cm) **3029** DO **9.51 mg/L**

pH **8.19** TEMP (°C) **20.13** CONDUCTIVITY (µS/cm) **3036 µS/cm** DO **8.51 mg/L**

20.4 7.34
20.3 6.58

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth = 2.65 feet

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 5 APRIL 07	PROJECT MANAGER REN FREW	RECORDER NS
STATION NAME 10D	NAV DATUM	LATITUDE 33.16896	LONGITUDE -117.35061
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0944	TIME FINISHED (AT SITE) 0951	GRAB SAMPLE TIME

FIELD TEAM
AG NS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input checked="" type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input type="checkbox"/> OTHER

Bubbles; bird waste, feathers

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS **None - wa NS**

WATER QUALITY APPEARANCE COMMENTS:
Slightly musty larval insects swimming.

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: **Surface** pH **8.22** TEMPERATURE (°C) **20.24** CONDUCTIVITY (µS/cm) **313092** DO **3.19 mg/L**

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

mid pH **8.16** TEMP (°C) **20.23** CONDUCTIVITY (µS/cm) **3092** DO **4.29 mg/L**

depth pH **8.2** TEMP (°C) **20.23** CONDUCTIVITY (µS/cm) **3091** DO **3.25 mg/L**

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

Depth	DO (mg/L)	TEMP (°C)
3.2 NS	5.56	20.3
Surface	5.78	20.3
mid	5.89	20.4
depth		

TEAM LEADER'S SIGNATURE

LA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 5 APRIL 07	PROJECT MANAGER REN FREW	RECORDER NS
STATION NAME 10E	NAV DATUM	LATITUDE 3317086	LONGITUDE -117.350916
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0926	TIME FINISHED (AT SITE) 0935	GRAB SAMPLE TIME
FIELD TEAM AG NS			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input checked="" type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)	Some bird feathers					
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input checked="" type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: birds flying overhead. larvae insects swimming in water sample							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Birds flying

FIELD MEASUREMENTS: Surface pH 8.17 TEMPERATURE (°C) 20.7 CONDUCTIVITY (µS/cm) 3235 DO 4.98

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

bottom	pH 8.18	TEMP (°C) 20.7	CONDUCTIVITY (µS/cm) 3232	DO 5.23
Mid	pH 8.19	TEMP (°C) 20.70	CONDUCTIVITY (µS/cm) 3229	DO 5.53

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

	CITY METER	DO mg/L	TEMP °C
3.2 ft. NS	Surface	7.42	20.8
3.2 ft. Mid	depth	7.2	20.8
		7.10	20.8

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4 Apr 07</i>		PROJECT MANAGER		RECORDER <i>ASB</i>	
STATION NAME <i>10 F (GPS)</i>		NAV DATUM		LATITUDE <i>33.17271</i>		LONGITUDE <i>117.35104</i>	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1132</i>		TIME FINISHED (AT SITE)		GRAB SAMPLE TIME	
FIELD TEAM <i>AG/NS</i>							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>partly cloudy</i>							
WATER QUALITY APPEARANCE	ODOR						
	<input type="checkbox"/> HYDROGEN SULFIDE <input checked="" type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE						
	COLOR						
	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <i>slight</i>						
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS						
FLOATING MATERIALS							
<input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input type="checkbox"/> OTHER <input type="checkbox"/> OBJECTS (DESCRIBE) <i>NONE</i>							
TURBIDITY							
<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input checked="" type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE							
WATER QUALITY APPEARANCE COMMENTS: <i>some organic particulates, mostly clear</i>							
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS:							
<p>pH <i>8.34</i> TEMPERATURE (°C) <i>20.64</i> CONDUCTIVITY (µS/cm) <i>3393 µS/cm</i> DO <i>12.66 mg/L</i></p>							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
<p>pH <i>8.31</i> TEMP (°C) <i>20.60</i> CONDUCTIVITY (µS/cm) <i>3401</i> DO <i>14.10 mg/L</i> <i>20.7</i> <i>8.96</i></p> <p>pH <i>8.31</i> TEMP (°C) <i>20.50</i> CONDUCTIVITY (µS/cm) <i>3424</i> DO <i>12.94 mg/L</i> <i>20.6</i> <i>8.19</i></p>							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth = 2.6 feet</i>							
TEAM LEADER'S SIGNATURE _____							

city meter
 temp (C) DO mg/L
20.7 *8.58*
20.7 *8.96*
20.6 *8.19*

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 5 APRIL 07	PROJECT MANAGER BEN FREW	RECORDER Ag
STATION NAME 10F adjusted	NAV DATUM	LATITUDE 33.17279	LONGITUDE -117.35235
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1007	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
AG INS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, slight breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS	Slight			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	NONE						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input checked="" type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: larval insects in sample. birds present. fine particulates/organic material								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **8.29** TEMPERATURE (°C) **20.02** CONDUCTIVITY (µS/cm) **3527** DO **8.39** mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

pH 8.27	TEMP (°C) 20.03	CONDUCTIVITY (µS/cm) 3528	DO 10.08 mg/L
pH 8.28	TEMP (°C) 20.03	CONDUCTIVITY (µS/cm) 3527	DO 9.77 mg/L

DO (mg/L) temp (°C)
8.85 **20.2**
city
9.27 **20.1**
9.07 **20.1**

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth = 2.10 ft.
given GPS units were inaccurate - did not match map/transect
Regime. made new site estimated location by map.

TEAM LEADER'S SIGNATURE _____

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE		DATE 5 APR 12 07	PROJECT MANAGER	RECORDER Ag												
STATION NAME 10G		NAV DATUM	LATITUDE 33.17337	LONGITUDE -117.35074												
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0843	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME												
FIELD TEAM AG, NS																
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, slight breeze																
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input checked="" type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER _____ <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE															
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER _____ <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS <i>sugary</i>															
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input checked="" type="checkbox"/> ORGANIC MATERIAL <input checked="" type="checkbox"/> SCUM <input checked="" type="checkbox"/> SUDS <input type="checkbox"/> OTHER _____ <input checked="" type="checkbox"/> OBJECTS (DESCRIBE) <i>bird feathers</i> <i>bubbles</i>															
	TURBIDITY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input checked="" type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE															
	WATER QUALITY APPEARANCE COMMENTS: <i>surface skum appears natural. water sample slightly brown & fine particulates</i>															
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)																
FIELD MEASUREMENTS: pH <u>7.94</u> TEMPERATURE (°C) <u>19.83</u> CONDUCTIVITY (µS/cm) <u>3445</u> <i>MS/cm</i> DO <u>1.57</u> <i>mg/L</i>																
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)																
pH <u>7.91</u> TEMP (°C) <u>19.84</u> CONDUCTIVITY (µS/cm) <u>3448</u> <i>MS/cm</i> DO <u>3.25</u> <i>mg/L</i> pH <u>7.90</u> TEMP (°C) <u>19.83</u> CONDUCTIVITY (µS/cm) <u>3448</u> <i>MS/cm</i> DO <u>2.48</u> <i>mg/L</i>																
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)																
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; border-right: 1px solid black; padding: 5px;"><i>depth = 2.4 ft</i></td> <td style="padding: 5px;"><i>w/city meter</i></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"><i>temp = 19.9°C ag</i></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"><i>temp</i></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"><i>surface DO = 4.62 19.9°C</i></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"><i>mid DO = 4.50 20°C</i></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"><i>bottom = 4.64 20°C</i></td> </tr> </table>					<i>depth = 2.4 ft</i>	<i>w/city meter</i>		<i>temp = 19.9°C ag</i>		<i>temp</i>		<i>surface DO = 4.62 19.9°C</i>		<i>mid DO = 4.50 20°C</i>		<i>bottom = 4.64 20°C</i>
<i>depth = 2.4 ft</i>	<i>w/city meter</i>															
	<i>temp = 19.9°C ag</i>															
	<i>temp</i>															
	<i>surface DO = 4.62 19.9°C</i>															
	<i>mid DO = 4.50 20°C</i>															
	<i>bottom = 4.64 20°C</i>															
TEAM LEADER'S SIGNATURE _____																

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage		DATE 4/5/07	PROJECT MANAGER Dave Rentzen	RECORDER EG										
STATION NAME 109		NAV DATUM 33.17921	LATITUDE -117.34090	LONGITUDE										
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1341	TIME FINISHED (AT SITE) 1350	GRAB SAMPLE TIME										
FIELD TEAM EG/TW														
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) slight breeze, cloudy														
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input checked="" type="checkbox"/> OTHER <u>dead fish</u> <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE													
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS													
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input checked="" type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <u>algae</u> <input type="checkbox"/> OBJECTS (DESCRIBE)													
	TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE													
	WATER QUALITY APPEARANCE COMMENTS: a lot of suds, brown. Clumps of algae and brown material floating on surface. brown material bottom in bubbles (organic)													
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)														
FIELD MEASUREMENTS: pH <u>8.02</u> TEMPERATURE (°C) <u>20.77</u> CONDUCTIVITY (µS/cm) <u>3581 MS</u> DO <u>0.02 mg/L</u> ^{top}														
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)														
<table border="0"> <tr> <td><u>pH</u> <u>8.18</u></td> <td><u>temp</u> <u>20.77 °C</u></td> <td><u>Cond</u> <u>3581 MS</u></td> <td><u>DO</u> <u>0.05 mg/L</u></td> <td><u>middle</u></td> </tr> <tr> <td><u>pH</u> <u>8.08</u></td> <td><u>temp</u> <u>20.76 °C</u></td> <td><u>Cond</u> <u>3582 MS</u></td> <td><u>DO</u> <u>0.0</u></td> <td><u>bottom</u></td> </tr> </table>					<u>pH</u> <u>8.18</u>	<u>temp</u> <u>20.77 °C</u>	<u>Cond</u> <u>3581 MS</u>	<u>DO</u> <u>0.05 mg/L</u>	<u>middle</u>	<u>pH</u> <u>8.08</u>	<u>temp</u> <u>20.76 °C</u>	<u>Cond</u> <u>3582 MS</u>	<u>DO</u> <u>0.0</u>	<u>bottom</u>
<u>pH</u> <u>8.18</u>	<u>temp</u> <u>20.77 °C</u>	<u>Cond</u> <u>3581 MS</u>	<u>DO</u> <u>0.05 mg/L</u>	<u>middle</u>										
<u>pH</u> <u>8.08</u>	<u>temp</u> <u>20.76 °C</u>	<u>Cond</u> <u>3582 MS</u>	<u>DO</u> <u>0.0</u>	<u>bottom</u>										
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)														
Depth - 6ft 8in 45L 600XL Arrived at site by boat. Measured Depth, Took field measurements A seagull ate a fish took photographs														
TEAM LEADER'S SIGNATURE <u>Paul D. Jodet</u>														

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>SW sewage</i>	DATE <i>4/5/07</i>	PROJECT MANAGER <i>Dave Renfrew</i>	RECORDER <i>EG</i>
STATION NAME <i>107</i>	NAV DATUM	LATITUDE <i>33.17898</i>	LONGITUDE <i>-117.34548</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1356</i>	TIME FINISHED (AT SITE) <i>1401</i>	GRAB SAMPLE TIME

FIELD TEAM
EG/TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
slight breeze, cloudy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input checked="" type="checkbox"/> OTHER <i>dead fish</i>
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input checked="" type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>algae clumps</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>water is brown with clumps of algae floating on the surface.</i>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.38* TEMPERATURE (°C) *20.89* CONDUCTIVITY (µS/cm) *3586µS* DO *0.07 mg/L*

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

<i>PH</i> BOTTLE #1 <i>8.46</i>	<i>Temp</i> BOTTLE #2 <i>20.67</i>	<i>Cond</i> BOTTLE #3 <i>3574</i>	<i>DO</i> BOTTLE #3 <i>0.0</i>
<i>PH</i> BOTTLE #4 <i>8.47</i>	<i>Temp</i> BOTTLE #5 <i>20.41</i>	<i>Cond</i> BOTTLE #5 <i>3553</i>	<i>DO</i> BOTTLE #5 <i>0.0</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

*5-ft. 8.5 in = total depth motored to site.
I took field measurements recorded depth and took photos
1 dead fish floated by photos taken*

TEAM LEADER'S SIGNATURE *Colin R. Goldst.*

Top
middle
bottom

la



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/5/07</i>	PROJECT MANAGER <i>Dave Rantow</i>	RECORDER <i>EL</i>
STATION NAME <i>108</i>	NAV DATUM	LATITUDE <i>33.17932</i> <i>33.17930E</i>	LONGITUDE <i>-117.34192</i> <i>-117.34184E</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1556</i>	TIME FINISHED (AT SITE) <i>1556 1600</i>	GRAB SAMPLE TIME
FIELD TEAM <i>EL THW</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
breeze from the west. overcast ~60°F

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> <i>strong</i> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>few algae clumps</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS:							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: *pH 8.66* TEMPERATURE (°C) *21.08* CONDUCTIVITY (µS/cm) *3524* DO *0.05*

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

<i>pH 8.70</i>	<i>temp 21.00</i>	<i>Cond 3624</i>	<i>DO 0.04</i>
<small>BOTTLE #1</small>	<small>BOTTLE #2</small>	<small>BOTTLE #3</small>	
<i>pH 8.12</i>	<i>temp 21.01</i>	<i>Cond 2101</i>	<i>DO 0.04</i>
<small>BOTTLE #4</small>	<small>BOTTLE #5</small>	<small>BOTTLE #6</small>	

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

Depth = 5 ft 1 in *motored to site, dropped anchored*
YSI 600XL *fish depth and field measurements*
photos taken.

TEAM LEADER'S SIGNATURE *ELH J. [Signature]*

Top
middle
bottom

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/5/07	PROJECT MANAGER	RECORDER EG
STATION NAME	NAV DATUM	LATITUDE 33.17824	LONGITUDE -117.34180
SAMPLE IDENTIFICATION 106	TIME STARTED (AT SITE) 1406	TIME FINISHED (AT SITE) 1417	GRAB SAMPLE TIME
FIELD TEAM EG ITW			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
breezy, cloudy breeze from west.

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input checked="" type="checkbox"/> OTHER dead fish
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
	TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE		
WATER QUALITY APPEARANCE COMMENTS: floating algae clumps							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **8.39** TEMPERATURE (°C) **21.46** CONDUCTIVITY (µS/cm) **3650** DO **0.09**

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH	temp	Cond	DO
BOTTLE #1 8.38	BOTTLE #2 21.35	BOTTLE #3 3645	0.08
BOTTLE #4 8.39	BOTTLE #5 21.28	BOTTLE #6 3639	0.09

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Motor red to site. sample taken 10 ft from aerator. brown ssm floating on surface of bubbles (organic material)
Depth to bottom - 2 ft 9 in photos taken YSI 600XL

TEAM LEADER'S SIGNATURE **[Signature]**

top
mid
bottom

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/5/07	PROJECT MANAGER	RECORDER EG
STATION NAME 104	NAV DATUM	LATITUDE 33.17659	LONGITUDE -117.34468
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1430	TIME FINISHED (AT SITE) 1435	GRAB SAMPLE TIME

FIELD TEAM
EG / TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Wind from West. Cloudy. Temp - 60° F - 70° F

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input checked="" type="checkbox"/> OTHER lead fish
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input checked="" type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER algae clumps
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: floating. few bubbles a lot of algae sediment clumps							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH **9.28** TEMPERATURE (°C) **22.73** CONDUCTIVITY (µS/cm) **3718 MS** DO **0.07**

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH	temp	cond	DO
BOTTLE #1	BOTTLE #2	BOTTLE #3	
pH	temp	cond	DO
BOTTLE #4	BOTTLE #5	BOTTLE #6	

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

we saw live carp at 33.17661, -117.34427
Depth - 8in black and white shore birds btwn 106 and 104 eating in shallow water. Heron eating fish btwn those sites too.
motored to site, took depth, and field measurements.

TEAM LEADER'S SIGNATURE **Blk J Loff**

top
middle EG
bottom n/a

✓



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/5/07	PROJECT MANAGER Dave Renfrew	RECORDER EG
STATION NAME 105	NAV DATUM	LATITUDE 33.17734	LONGITUDE -117.34544
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1440	TIME FINISHED (AT SITE) 1447	GRAB SAMPLE TIME

FIELD TEAM
EG/TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
protected from most of the western wind. slight breeze, but cloudy, sun coming out. a 60-70°F

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER algae clumps
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: cloudy with very few bubbles.							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.57 TEMPERATURE (°C) 20.91 CONDUCTIVITY (µS/cm) 3504 DO 0.04

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
1ft in-depth motored to site, anchored, took depth and field measurements
Y&I600XL took photos

TEAM LEADER'S SIGNATURE *Loke O. Good*

Lo



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/5/07	PROJECT MANAGER	RECORDER EG
STATION NAME 101	NAV DATUM	LATITUDE 33.17512	LONGITUDE -117.34725
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1530	TIME FINISHED (AT SITE) 1533	GRAB SAMPLE TIME

FIELD TEAM
EG / TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
windy (breezy), overcast, area slightly protected from wind

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> FAINT SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER few algae clumps
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: brown, no bubbles							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 9.07 TEMPERATURE (°C) 23.19 CONDUCTIVITY (µS/cm) 4739 DO 2.32 ^{2.65} ~~2.6~~ top

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

Depth 6.5 m
USE 600XL

A lot of carp visible. motored to site, dropped anchor, took depth and field measurements. photos taken.

TEAM LEADER'S SIGNATURE Keith D. Schubert



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>9/5/07</i>	PROJECT MANAGER <i>Dave Reafrew</i>	RECORDER <i>EG</i>
STATION NAME <i>102</i>	NAV DATUM	LATITUDE <i>33.17579</i>	LONGITUDE <i>-117.34805</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1511</i>	TIME FINISHED (AT SITE) <i>1520</i>	GRAB SAMPLE TIME
FIELD TEAM <i>EG ITW</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
*sheltered from wind, so only slight breeze.
overcast*

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE <i>light odor</i>	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE <i>EG</i>			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>algae clumps</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)	<i>13 fine particulates</i>					
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input checked="" type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>brown color, no bubbles</i>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *9.44* TEMPERATURE *24.09* CONDUCTIVITY *4051* DO *3.79* *top*

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

Depth 1.5 inches *metered to site, dropped anchor*
YSI 600XL *took depth and field measurements*
photos taken

TEAM LEADER'S SIGNATURE *Eck O Goldt*

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/5/07	PROJECT MANAGER Tommy Wells	RECORDER EG
STATION NAME 103	NAV DATUM	LATITUDE 33 17629	LONGITUDE -117.34807
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1504	TIME FINISHED (AT SITE) 1507	GRAB SAMPLE TIME
FIELD TEAM EG/TW			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
 Windy, overcast, wind from west significantly colder than more eastern sites. ~60°C

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER algae clumps	
	<input type="checkbox"/> OBJECTS (DESCRIBE)							
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: brown, very few bubbles no odor, but that may be from wind. Live fish.								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 9.75 TEMPERATURE (°C) 23.81 CONDUCTIVITY (µS/cm) 4221 DO 4.72 top

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth = 8 in
 YSI 600XL
 motored to site, dropped anchor, took depth and field measurements. Live fish seen between sites 105 and 103
 photos taken

TEAM LEADER'S SIGNATURE John Q. Goldstein



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/5/07</i>	PROJECT MANAGER <i>Penhew</i>	RECORDER <i>NW</i>
STATION NAME <i>10A</i>	NAV DATUM	LATITUDE <i>33.16825</i>	LONGITUDE <i>-117.35599</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1355</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, J. Schollee

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, cool breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>none</i>	
	<input type="checkbox"/> OBJECTS (DESCRIBE)				<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE		
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY						
WATER QUALITY APPEARANCE COMMENTS:								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: *Surface* pH *7.69* TEMPERATURE (°C) *20.86°C* CONDUCTIVITY (µS/cm) *3058* DO *6.59* mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<i>middle</i>	pH <i>7.92</i>	TEMP (°C) <i>20.83°C</i>	CONDUCTIVITY (µS/cm) <i>3038</i>	DO <i>6.54</i> mg/L
<i>bottom</i>	pH <i>7.88</i>	TEMP (°C) <i>20.49°C</i>	CONDUCTIVITY (µS/cm) <i>3009</i>	DO <i>6.19</i> mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

depth 3' - 11"

- Motored to site, unchained
- took measurements using YSI 556
- GPS, photos

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sauge</i>	DATE <i>4/5/07</i>	PROJECT MANAGER <i>Rentrow</i>	RECORDER <i>NW</i>
STATION NAME	NAV DATUM <i>—</i>	LATITUDE <i>33.16792</i>	LONGITUDE <i>-117.35438</i>
SAMPLE IDENTIFICATION <i>10B</i>	TIME STARTED (AT SITE) <i>1405</i>	TIME FINISHED (AT SITE) <i>1</i>	GRAB SAMPLE TIME <i>—</i>

FIELD TEAM
N. woodward, J Schollée

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Overcast, light breeze

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>none</i>	
	<input type="checkbox"/> OBJECTS (DESCRIBE)							
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: <i>" clear, clear "</i>								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
—

FIELD MEASUREMENTS: *Surface* pH *8.27* TEMPERATURE (°C) *21.50°C* CONDUCTIVITY (µS/cm) *2988 µS/cm* DO *7.34 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<i>middle</i>	pH <i>8.25</i>	TEMP (°C) <i>21.24</i>	CONDUCTIVITY (µS/cm) <i>2991 µS/cm</i>	DO <i>7.10 mg/L</i>
<i>bottom</i>	pH <i>8.23</i>	TEMP (°C) <i>21.23°C</i>	CONDUCTIVITY (µS/cm) <i>2988 µS/cm</i>	DO <i>7.25 mg/L</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth - moved to site, anchored
2' 5" - bot measurements using YSI 556

TEAM LEADER'S SIGNATURE 

la



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL sewage</i>	DATE <i>4/5/07</i>	PROJECT MANAGER <i>Rentrow</i>	RECORDER <i>NW</i>
STATION NAME <i>10D</i>	NAV DATUM <i>—</i>	LATITUDE <i>33.16906</i>	LONGITUDE <i>-117.35062</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1415</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME <i>—</i>

FIELD TEAM
N. Woodward, J Schollée

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
5-10 kts west overcast to partly cloudy, breezy

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>none</i>

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
normal

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
—

FIELD MEASUREMENTS: *Surface*
 pH *8.40* TEMPERATURE (°C) *21.87°C* CONDUCTIVITY (µS/cm) *3053 µS* DO *7.47 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<i>middle</i>	pH <i>8.40</i>	TEMP (°C) <i>21.87°C</i>	CONDUCTIVITY (µS/cm) <i>3052 µS</i>	DO <i>7.64 mg/L</i>
<i>bottom</i>	pH <i>8.40</i>	TEMP (°C) <i>21.87</i>	CONDUCTIVITY (µS/cm) <i>3053 µS</i>	DO <i>7.62 mg/L</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)

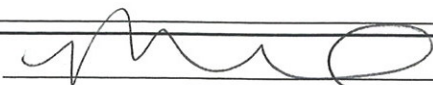
2' 5" depth — *submersed to site w/ GIS*
 — *took measurements w/ YSI 556*

TEAM LEADER'S SIGNATURE

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4/5/07</i>	PROJECT MANAGER <i>Pen Brown</i>	RECORDER <i>MW</i>
STATION NAME <i>10 E</i>		NAV DATUM <i>—</i>	LATITUDE <i>33.17083</i>	LONGITUDE <i>-117.35098</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1425</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME <i>—</i>
FIELD TEAM <i>N. Woodward, J Schallée</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast, windy 5-10kts W</i>				
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER _____ <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> NONE			
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER _____ <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>None</i> <input type="checkbox"/> OBJECTS (DESCRIBE)			
	TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
	WATER QUALITY APPEARANCE COMMENTS: <i>Some bubbles on surface</i>			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>—</i>				
FIELD MEASUREMENTS: <i>Surface</i> pH <i>8.37</i> TEMPERATURE (°C) <i>21.94</i> CONDUCTIVITY (µS/cm) <i>3068</i> <i>DO</i> <i>7.60</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
<i>Middle</i> pH <i>8.35</i> TEMP (°C) <i>21.91</i> CONDUCTIVITY (µS/cm) <i>3069</i> <i>DO</i> <i>7.46</i> mg/L				
<i>bottom</i> pH <i>8.23</i> TEMP (°C) <i>21.45</i> CONDUCTIVITY (µS/cm) <i>3102</i> <i>DO</i> <i>7.08</i> mg/L				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				
<i>depth 3' 7"</i> <i>— Measured to site w/ GPS</i> <i>— took WQ measurements using YSI 556</i>				
TEAM LEADER'S SIGNATURE 				

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4/5/07</i>	PROJECT MANAGER <i>Renrow</i>	RECORDER <i>NW</i>
STATION NAME <i>10 F</i>		NAV DATUM <i>←</i>	LATITUDE	LONGITUDE
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1440</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME <i>←</i>
FIELD TEAM <i>N. Woodward, S. Schuler</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast, windy 5-10 mph west</i>				
WATER QUALITY APPEARANCE	ODOR			
	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER _____ <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> NONE			
	COLOR			
	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER _____ <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS			
<input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>none</i> <input type="checkbox"/> OBJECTS (DESCRIBE)				
TURBIDITY				
<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: <i>normal, "clean, clear"</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>←</i>				
FIELD MEASUREMENTS: <i>surface</i> pH <i>8.43</i> TEMPERATURE (°C) <i>21.63°C</i> CONDUCTIVITY (µS/cm) <i>3357 µS/cm</i> DO <i>9.21</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
<i>middle</i> pH <i>8.44</i> TEMP (°C) <i>21.63°C</i> CONDUCTIVITY (µS/cm) <i>3360 µS/cm</i> DO <i>9.34</i>				
<i>bottom</i> pH <i>8.42</i> TEMP (°C) <i>21.63°C</i> CONDUCTIVITY (µS/cm) <i>3351 µS/cm</i> DO <i>9.27</i>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth 2' to 10"</i> <i>- no time to site</i> <i>- took measurements using YSI 556</i>				
TEAM LEADER'S SIGNATURE _____				

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage		DATE 4/5/07	PROJECT MANAGER Renfrow	RECORDER NW
STATION NAME 10 G		NAV DATUM —	LATITUDE 33.17335	LONGITUDE -117.35076
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1445	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME —
FIELD TEAM N. Woodward, & J Schollee				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Overcast, 3-5 kts W				
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> NONE			
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>see comments</i>			
	<input type="checkbox"/> OBJECTS (DESCRIBE)			
	TURBIDITY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: Some bubbles algae clumps				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: <i>surface</i> pH <u>8.34</u> TEMPERATURE (°C) <u>20.51</u> CONDUCTIVITY (µS/cm) <u>3464</u> DO <u>9.20</u> mg/L				
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)				
middle pH <u>8.16</u> TEMP (°C) <u>21.35</u> CONDUCTIVITY (µS/cm) <u>3463</u> DO <u>8.04</u> mg/L				
bottom pH <u>7.87</u> TEMP (°C) <u>20.67</u> CONDUCTIVITY (µS/cm) <u>3462</u> DO <u>6.16</u> mg/L				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				
depth 2' 5" — motored to site w/ GPS — took measurements w/ YSI 556				
TEAM LEADER'S SIGNATURE				

LA



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>RVL</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>D. Renfrew</i>	RECORDER <i>CH</i>
STATION NAME <i>109</i>	NAV DATUM	LATITUDE <i>33.17915</i>	LONGITUDE <i>117.34087</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0725 0745</i>	TIME FINISHED (AT SITE) <i>0750</i>	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen / Cathy Hashman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input checked="" type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>heavy foam, less sewage odor than yesterday.</i>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
*Depth - 4.5' - very heavy suds - more cohesive, forming peaks
pic - datasheet, foam*

FIELD MEASUREMENTS: pH *8.58* TEMPERATURE (°C) *19.88* CONDUCTIVITY (µS/cm) *5680* DO *0.27 mg/L*

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH BOTTLE #1	<i>8.54</i>	Temp BOTTLE #2	<i>19.87</i>	Cond BOTTLE #3	<i>3677</i>	DO	<i>0.27</i>
BOTTLE #4	<i>8.54</i>	BOTTLE #5	<i>19.88</i>	BOTTLE #6	<i>3683</i>	DO	<i>0.25</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
resator has now relocated is now closer to site 109
began at site 109 @ 0725, was called back to
increase level of PPE to Tyvek*

TEAM LEADER'S SIGNATURE

15 yards west of site location



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>D. Kenney</i>	RECORDER <i>CH</i>
STATION NAME <i>107</i>	NAV DATUM	LATITUDE <i>33.17891</i>	LONGITUDE <i>-117.34154</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0800</i>	TIME FINISHED (AT SITE) <i>0805</i>	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen / Colby Hartman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <i>some algae</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>some bubbles, out of foam area</i>							

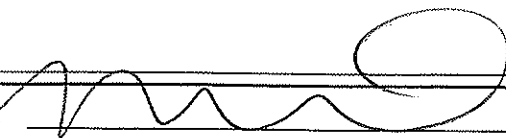
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH *8.73* TEMPERATURE (°C) *19.84* CONDUCTIVITY (µS/cm) *3663* DO *1.81* mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

<i>PH</i> BOTTLE #1 <i>8.71</i>	<i>Temp</i> BOTTLE #2 <i>19.85</i>	<i>Cond</i> BOTTLE #3 <i>3666</i>	DO <i>1.17</i>
BOTTLE #4 <i>8.67</i>	BOTTLE #5 <i>19.85</i>	BOTTLE #6 <i>3670</i>	<i>8.71</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth 4.9', 25 yards southwest of relocated monitor

TEAM LEADER'S SIGNATURE 



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/6/07	PROJECT MANAGER D. Leafred	RECORDER CH
STATION NAME 106		NAV DATUM	LATITUDE 33.17822	LONGITUDE -117.34184
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0808	TIME FINISHED (AT SITE) 0814	GRAB SAMPLE TIME
FIELD TEAM Damon Owen, Cathy Hart				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, 0-3, low 60s				
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE			
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input checked="" type="checkbox"/> SUDS <input type="checkbox"/> OTHER <input type="checkbox"/> OBJECTS (DESCRIBE)			
	TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
	WATER QUALITY APPEARANCE COMMENTS: gobs around aerator, fairly undispersed more sewage smell in the air (volatilization due to aerator)			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: pH <u>8.63</u> TEMPERATURE (°C) <u>19.63</u> CONDUCTIVITY (µS/cm) <u>3649</u> DO <u>1.50 mg/l</u>				
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES) BOTTLE #1 <u>8.62</u> temp <u>19.64</u> Cond <u>3646</u> DO <u>0.97</u> BOTTLE #4 <u>8.59</u> BOTTLE #5 <u>19.65</u> BOTTLE #6 <u>3647</u> <u>0.29</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) Depth 2.9' photos - data sheet, distance from aerator 10' east of aerator				
TEAM LEADER'S SIGNATURE				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/6/07	PROJECT MANAGER D. Kenfrew	RECORDER CH
STATION NAME 105	NAV DATUM	LATITUDE 33.17735	LONGITUDE -117.34535
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0832	TIME FINISHED (AT SITE) 0837	GRAB SAMPLE TIME

FIELD TEAM
Pamela Owen / Cathy Hashman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3 knots, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <u>pollen</u>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: very faint sewage odor							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.56 TEMPERATURE (°C) 18.37 CONDUCTIVITY (µS/cm) 3448 DO 4.61

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

pH BOTTLE #1	temp BOTTLE #2	Cond BOTTLE #3	DO
_____	_____	_____	_____
BOTTLE #4	BOTTLE #5	BOTTLE #6	
_____	_____	_____	

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0.8'
mid basin, south channel, NW shore island.
increased fish activity / CAMP, bass feeding on bait fish
CO2 rising by DO readings

TEAM LEADER'S SIGNATURE 4.20.1st fish activity noted

since onsite



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/6/07	PROJECT MANAGER D. Kenfrew	RECORDER CH
STATION NAME 103	NAV DATUM	LATITUDE 33.17620	LONGITUDE 117.34818
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0915	TIME FINISHED (AT SITE) 0920	GRAB SAMPLE TIME
FIELD TEAM Damon Owen / Cathy Hartman			
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, 0-3, low 60s			
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> SOAP <input type="checkbox"/> MUSTY <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input checked="" type="checkbox"/> OTHER think its the boat / cooler		
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	FLOATING MATERIALS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OBJECTS (DESCRIBE) <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER none		
	TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE		
	WATER QUALITY APPEARANCE COMMENTS:		
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)			
FIELD MEASUREMENTS: pH 8.82 TEMPERATURE (°C) 18.24 CONDUCTIVITY (µS/cm) 4598 DO 5.89 mg/L ←			
FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)			
BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____ BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____			
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)			
depth - 2.64' lots of birds - less carp activity than yesterday PC - data sheet, no other notable			
TEAM LEADER'S SIGNATURE			



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/6/07	PROJECT MANAGER D. Kenfrew	RECORDER CH
STATION NAME 102	NAV DATUM	LATITUDE 33.17587	LONGITUDE -117.34805
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0925	TIME FINISHED (AT SITE) 0928	GRAB SAMPLE TIME

FIELD TEAM
Damon Owen / Cathy Hartman

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast, 0-3, low 60s

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE				
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER	
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input checked="" type="checkbox"/> OTHER <u>none</u>	
	<input type="checkbox"/> OBJECTS (DESCRIBE)							
TURBIDITY	<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: Can't see bottom. Believe color observed is from the rotten fish bodies								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: pH 8.75 TEMPERATURE (°C) 18.42 CONDUCTIVITY (µS/cm) 387 DO 5.04 mg/L

FLOW WEIGHTED COMPOSITE SAMPLE INFORMATION (ENTER TIME OF BOTTLE CHANGES)

BOTTLE #1 _____ BOTTLE #2 _____ BOTTLE #3 _____

BOTTLE #4 _____ BOTTLE #5 _____ BOTTLE #6 _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0.5' lots of swallows
photo, data sheet only.

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>		DATE <i>4/6/07</i>	PROJECT MANAGER <i>D. Kenfrew</i>	RECORDER <i>CH</i>
STATION NAME <i>101</i>		NAV DATUM	LATITUDE <i>53.17523</i>	LONGITUDE <i>-117.34721</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0935</i>	TIME FINISHED (AT SITE) <i>0938</i>	GRAB SAMPLE TIME
FIELD TEAM <i>Damon Owen (Cathy Harkness)</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast 0-3, low 60s</i>				
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER			
	<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input checked="" type="checkbox"/> NONE			
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER			
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	SOLID MATERIAL <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>none</i>			
TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: <i>can't see bottom - could see bottom 4/5/07</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <i>8.21</i> TEMPERATURE (°C) <i>17.88</i> CONDUCTIVITY (µS/cm) <i>3965</i> DO <i>7.07 mg/L</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)				
middle pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____				
bottom pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>plotter = datasheet lots of swallows. Depth = 0.3'</i>				
TEAM LEADER'S SIGNATURE				

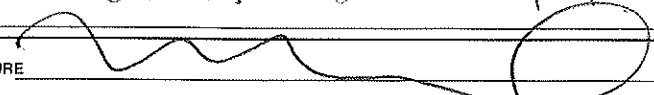


WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/6/07	PROJECT MANAGER D. Bentow	RECORDER CH
STATION NAME 104	NAV DATUM	LATITUDE 33.17662	LONGITUDE -117.54460
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1000	TIME FINISHED (AT SITE) 1005	GRAB SAMPLE TIME
FIELD TEAM Damon Owen, Cathy Walker			
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, 03, low 60s			
WATER QUALITY APPEARANCE	ODOR <input checked="" type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER		
	<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE		
	COLOR <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER		
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS		
	NG MATERI DEBRIS <input type="checkbox"/> TRASH OR DEBRIS <input type="checkbox"/> OIL AND GREASE <input type="checkbox"/> ORGANIC MATERIAL <input type="checkbox"/> SCUM <input type="checkbox"/> SUDS <input checked="" type="checkbox"/> OTHER <i>none</i>		
TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: Smelled hydrogen sulfide when we pulled the anchor (from the mud) carp activity			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)			
FIELD MEASUREMENTS: surface pH 8.63 TEMPERATURE (°C) 18.55 CONDUCTIVITY (µS/cm) 3586 DO 5.64 mg/L ←			
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)			
middle	pH _____	TEMP (°C) _____	CONDUCTIVITY (µS/cm) _____ DO _____
bottom	pH _____	TEMP (°C) _____	CONDUCTIVITY (µS/cm) _____ DO _____
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) Depth - 0.4' P.C.S - data sheet, dead fish few dead fish observed.			
TEAM LEADER'S SIGNATURE			



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>	DATE <u>4/6/07</u>	PROJECT MANAGER <u>D. Renfrew</u>	RECORDER <u>CH</u>						
STATION NAME <u>108</u>	NAV DATUM	LATITUDE <u>33.17939</u>	LONGITUDE <u>-117.34195</u>						
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>1045</u>	TIME FINISHED (AT SITE) <u>1050</u>	GRAB SAMPLE TIME						
FIELD TEAM <u>Damon Owen / Cathy Harlan</u>									
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <u>overcast, 0-3, low 60s</u>									
WATER QUALITY APPEARANCE	ODOR			<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
				<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR			<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
				<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	SINKING MATERIAL			<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input checked="" type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
TURBIDITY			<input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <u>sewage odor faint, few dead fish</u>									
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)									
FIELD MEASUREMENTS: surface pH <u>8.38</u> TEMPERATURE (°C) <u>19.73</u> CONDUCTIVITY (µS/cm) <u>3671</u> DO <u>0.50 mg/L</u>									
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)									
middle		pH <u>8.49</u>	TEMP (°C) <u>19.71</u>	CONDUCTIVITY (µS/cm) <u>3669</u>	DO <u>0.32</u>				
bottom		pH <u>8.55</u>	TEMP (°C) <u>19.71</u>	CONDUCTIVITY (µS/cm) <u>3668</u>	DO <u>0.22</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)									
<u>Depth - 3.1'</u> <u>pic - data sheet - construction pics water pics, Damon PPK slots</u>									
TEAM LEADER'S SIGNATURE 									



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 6 April 07	PROJECT MANAGER	RECORDER Acy
STATION NAME 10G	NAV DATUM	LATITUDE 33.17332	LONGITUDE -117.35076
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0742	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
A. glasso, N. Spear

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA	<input type="checkbox"/> GASOLINE	<input type="checkbox"/> OTHER
		<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input type="checkbox"/> NONE			
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> COLORLESS			
	FLOATING MATERIALS	<input type="checkbox"/> TRASH OR DEBRIS	<input type="checkbox"/> OIL AND GREASE	<input type="checkbox"/> ORGANIC MATERIAL	<input checked="" type="checkbox"/> SCUM slight	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input checked="" type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: lateral insects. water sample clear but murky at site (low visibility)							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)

FIELD MEASUREMENTS: top pH 8.03 TEMPERATURE (°C) 19.55 CONDUCTIVITY (µS/cm) 3354 µS/cm DO 6.19 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle pH 8.0 TEMP (°C) 19.56 CONDUCTIVITY (µS/cm) 3359 µS/cm DO 6.04 mg/L

bottom 7.94 pH 7.84 ag TEMP (°C) 19.60 CONDUCTIVITY (µS/cm) 3353 µS/cm DO 5.85 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth = 2.7 feet

TEAM LEADER'S SIGNATURE