



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>TOP BVL SEWAGE</u>	DATE <u>6 APRIL 07</u>	PROJECT MANAGER <u>REN FREW</u>	RECORDER <u>Ag</u>
STATION NAME <u>10F</u>	NAV DATUM	LATITUDE <u>33.17185</u>	LONGITUDE <u>117.35280</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>0808</u>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
AGNS

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

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	<u>slightly</u>
		<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 checked="" type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	<u>plant</u>
	<input checked="" type="checkbox"/> OBJECTS (DESCRIBE)	<u>bird feces/droppings, feathers, 1</u>						
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: <u>suspended sediment, larval insects</u>								

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

FIELD MEASUREMENTS: top pH 8.10 TEMPERATURE (°C) 19.46 CONDUCTIVITY (µS/cm) 3345 µS/cm DO 7.04 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

<u>bottom</u> pH <u>8.08</u>	TEMP (°C) <u>19.48</u>	CONDUCTIVITY (µS/cm) <u>3344 µS/cm</u>	DO <u>6.89 mg/L</u>
<u>mid</u> pH <u>8.09</u>	TEMP (°C) <u>19.46</u>	CONDUCTIVITY (µS/cm) <u>3346 µS/cm</u>	DO <u>6.72 mg/L</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth = 2.6 feet
many birds flying nearby.

TEAM LEADER'S SIGNATURE Natalie



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BYL SEWAGE	DATE 6/4/07	PROJECT MANAGER RENPREW	RECORDER NS
STATION NAME 10E	NAV DATUM	LATITUDE 33 17057	LONGITUDE -117.35168
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0834	TIME FINISHED (AT SITE) 0843	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 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	Signatory			
	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 looks murky			opaque from Boat
WATER QUALITY APPEARANCE COMMENTS: Birds flying overhead.								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Larval insects swimming in water (sample)

FIELD MEASUREMENTS: top pH 8.23 TEMPERATURE (°C) 20.22 CONDUCTIVITY (µS/cm) 3142 DO 6.99

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

mid pH 8.20 TEMP (°C) 20.28 CONDUCTIVITY (µS/cm) 3132 DO 6.70

depth pH 8.20 TEMP (°C) 20.27 CONDUCTIVITY (µS/cm) 3142 DO ~~6.45~~ 6.46 NS

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
DEPTH: 3.1 ft

TEAM LEADER'S SIGNATURE *Natalie*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 6 APRIL 07	PROJECT MANAGER	RECORDER NS
STATION NAME 10D	NAV DATUM	LATITUDE 39 16 8 98	LONGITUDE 117 35 05 7
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0852	TIME FINISHED (AT SITE) 0859	GRAB SAMPLE TIME
FIELD TEAM AG NS			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Overcast Birds chirping in area

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 checked="" type="checkbox"/> ORGANIC MATERIAL	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	bird feathers,						
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input checked="" type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE	→ Water appears murky from Boat view			
WATER QUALITY APPEARANCE COMMENTS:								

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


FIELD MEASUREMENTS: **top** pH **8.15** TEMPERATURE (°C) **19.92** CONDUCTIVITY (µS/cm) **3091** DO **6.17**

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

mid pH **8.12** TEMP (°C) **19.93** CONDUCTIVITY (µS/cm) **3094** DO **5.50**

bottom pH **8.13** TEMP (°C) **19.93** CONDUCTIVITY (µS/cm) **3094** DO **5.79**

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3ft

TEAM LEADER'S SIGNATURE 



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME 10 B BVL Sewage	DATE 6/ APRIL 07	PROJECT MANAGER REN FREN	RECORDER NS
STATION NAME 10 B	NAV DATUM	LATITUDE 33.16782	LONGITUDE 717.35436
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0920	TIME FINISHED (AT SITE) 0927	GRAB SAMPLE TIME
FIELD TEAM JS, 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	Slight brown
		<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	none
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input checked="" type="checkbox"/> NONE	- Except it looks			
WATER QUALITY APPEARANCE COMMENTS: Larval insects swimming murky/opaque looking from Boat								

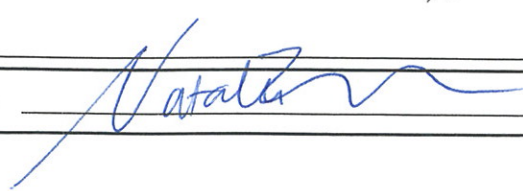
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
birds flying in area

FIELD MEASUREMENTS: **Surface** pH **8.0** TEMPERATURE (°C) **19.64** CONDUCTIVITY (µS/cm) **3023** DO **4.46**

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

mid	pH 7.99	TEMP (°C) 19.64	CONDUCTIVITY (µS/cm) 3024	DO 4.17
depth	pH 7.99	TEMP (°C) 19.64	CONDUCTIVITY (µS/cm) 3023	DO 4.21

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2ft 8in • Motored to site
• Measured depth + wq
VSI 556

TEAM LEADER'S SIGNATURE 



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>P/L SEWAGE</i>	DATE <i>6 APRIL 07</i>	PROJECT MANAGER <i>RENFREW</i>	RECORDER <i>NS</i>
STATION NAME <i>10A</i>	NAV DATUM	LATITUDE <i>33.16821</i>	LONGITUDE <i>-117.35603</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0930</i>	TIME FINISHED (AT SITE) <i>0930</i>	GRAB SAMPLE TIME

FIELD TEAM
JS, NS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Overcast wind 1-5 mph from NW

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 checked="" type="checkbox"/> YELLOW <i>light</i>	<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	<input type="checkbox"/> SCUM	<input type="checkbox"/> SUDS	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	<i>Minimal</i>						
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: <i>Appears murky/opaque from Boat Viewpoint.</i>								

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

FIELD MEASUREMENTS: top pH *7.90* TEMPERATURE (°C) *19.72* CONDUCTIVITY (µS/cm) *3163* DO *3.88*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<i>depth</i>	pH <i>7.85</i>	TEMP (°C) <i>19.64</i>	CONDUCTIVITY (µS/cm) <i>3157</i>	DO <i>3.26</i>
<i>middle</i>	pH <i>7.87</i>	TEMP (°C) <i>19.70</i>	CONDUCTIVITY (µS/cm) <i>3161</i>	DO <i>NS 3.36</i>

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

depth. 3ft 10in

- Motored to site
- Measured depth + WQ
- YSI 556

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4-6-07	PROJECT MANAGER D Renfrew	RECORDER JSchollee
STATION NAME -	NAV DATUM	LATITUDE 33.16799 N	LONGITUDE -117.35105 W
SAMPLE IDENTIFICATION -	TIME STARTED (AT SITE) 1055	TIME FINISHED (AT SITE) 1058	GRAB SAMPLE TIME -
FIELD TEAM NS/JS			

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

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:							

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

FIELD MEASUREMENTS: pH _____ TEMPERATURE (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

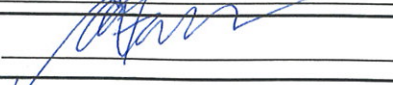
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

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)

Dead seagull found in tules. Picture taken. Bird collected. Appeared fresh, not bloated and no odor

TEAM LEADER'S SIGNATURE 



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL Sewage</u>	DATE <u>4/6/07</u>	PROJECT MANAGER <u>Dave Kenfrew</u>	RECORDER <u>EG</u>
STATION NAME <u>109</u>	NAV DATUM	LATITUDE <u>33.17920</u>	LONGITUDE <u>-117.34089</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>1341</u>	TIME FINISHED (AT SITE) <u>1350</u>	GRAB SAMPLE TIME

FIELD TEAM
EG/TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
breezy from the ~~east~~ west, overcast ≈ 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 <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			
	NG MATERI	<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 type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <u>some suds on the surface (a lot) with brown organic matter floating in suds. suds are from the aeration water hose to the NE.</u>							

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

FIELD MEASUREMENTS: surface pH 8.20 TEMPERATURE (°C) 20.24 CONDUCTIVITY (µS/cm) 3784 DO 0.25 mg/L

top

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle pH 8.39 TEMP (°C) 20.26 CONDUCTIVITY (µS/cm) 3736 DO 0.20 mg/L

bottom pH 8.38 TEMP (°C) 20.25 CONDUCTIVITY (µS/cm) 3736 DO 0.29 mg/L

middle

bottom

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth = 4 ft 10 in
YSI 800XL
motored to site, dropped anchor and buoy. Took depth and field measurements. note on DO → there is an aerator ≈ 20 ft from site. that is directed to ward the site.

TEAM LEADER'S SIGNATURE TOMMY WALKER

W



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>8VL Sewage</u>	DATE <u>4/6/07</u>	PROJECT MANAGER <u>Dave Kenfrew</u>	RECORDER <u>EG</u>
STATION NAME <u>107</u>	NAV DATUM	LATITUDE <u>33.17895 EG</u> <u>33.178925</u>	LONGITUDE <u>-117.34148</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>1401</u>	TIME FINISHED (AT SITE) <u>1404</u>	GRAB SAMPLE TIME

FIELD TEAM
EG/TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
wind from the west
o/c/cast

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			
	NO. OF 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)	<input checked="" type="checkbox"/> <u>fine particulates</u>					
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: <u>Some bubbles (very few), no suds.</u>							

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

FIELD MEASUREMENTS: surface pH 8.44 TEMPERATURE (°C) 20.25 CONDUCTIVITY (µS/cm) 3737 DO 0.17

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>8.57</u>	TEMP (°C) <u>20.08</u>	CONDUCTIVITY (µS/cm) <u>3726</u>	DO <u>0.04</u>
bottom	pH <u>8.50</u>	TEMP (°C) <u>20.17</u>	CONDUCTIVITY (µS/cm) <u>3732</u>	DO <u>0.02</u>

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

5ft 3in = Depth
YSI 600XL

motored to site. deployed buoy
took depth and field
measurements.

TEAM LEADER'S SIGNATURE Tammy Wold

top

middle

bottom

W



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/6/07	PROJECT MANAGER Darc Renrew	RECORDER
STATION NAME 106	NAV DATUM	LATITUDE 33.17820	LONGITUDE -111.34187
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1418	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
EG/TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
breeze from the west
temp ~60°F - 70°F overcast

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> PAINT 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	<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)						
TURBIDIT	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: less suds than site 109							

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

FIELD MEASUREMENTS: surface pH 8.73 TEMPERATURE (°C) 20.71 CONDUCTIVITY (µS/cm) 3786 DO 5.49

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>8.81</u>	TEMP (°C) <u>20.70</u>	CONDUCTIVITY (µS/cm) <u>3786</u>	DO <u>4.98</u>
bottom	pH <u>8.81</u>	TEMP (°C) <u>20.68</u>	CONDUCTIVITY (µS/cm) <u>3783</u>	DO <u>4.89</u>

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

YSI 600XL
Depth = 3 ft 5 in

moved to site, dropped bag and anchor to depth and field measurements
site is 3 ft from an aerator

TEAM LEADER'S SIGNATURE Tomy



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Lagoon		DATE 4/6/07	PROJECT MANAGER	RECORDER EG
STATION NAME 108		NAV DATUM	LATITUDE 33.17933	LONGITUDE -117.34199
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1430	TIME FINISHED (AT SITE) 1436	GRAB SAMPLE TIME
FIELD TEAM EG/TW				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) protected from west wind by Turtles. slight breezy but				
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			
	NG MATERI <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 particulates			
	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: few bubbles floating on surface			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <u>8.55</u> TEMPERATURE (°C) <u>20.39</u> CONDUCTIVITY (µS/cm) <u>3748</u> DO <u>0.53</u>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <u>8.59</u> TEMP (°C) <u>20.33</u> CONDUCTIVITY (µS/cm) <u>3749</u> DO <u>0.29</u> bottom pH <u>8.72</u> TEMP (°C) <u>20.19</u> CONDUCTIVITY (µS/cm) <u>3768</u> DO <u>0.38</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) Depth - 3 ft 5 in 2 PSI 600XL motored to site, dropped anchor and buoy. Took field measurements and depth				
TEAM LEADER'S SIGNATURE <u>Tammy Hall</u>				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BIL Legon</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>Dave Rerfrew</i>	RECORDER <i>EG</i>
STATION NAME <i>104</i>	NAV DATUM	LATITUDE <i>33.176675^{EG}</i>	LONGITUDE <i>117.3446-117.34467</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1447</i>	TIME FINISHED (AT SITE) <i>1450</i>	GRAB SAMPLE TIME

FIELD TEAM
TW/EG

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Wind from the west. overcast, no rainfall. temp ≈ 60°F

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> <i>faint</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			
	NG MATERI	<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>

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
a lot of algae clumps. the wind is blowing them to the east

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

FIELD MEASUREMENTS: surface
 pH *7.8* ^{*9.37*} TEMPERATURE (°C) *21.41* CONDUCTIVITY (µS/cm) *3906* DO *11.47*

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 = 8 in
YSI 600 XL
motored to site. dropped anchor. took field measurements. Dropped bag

TEAM LEADER'S SIGNATURE
Tommy Wells



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>Dave Pentrew</i>	RECORDER <i>EG</i>
STATION NAME <i>105</i>	NAV DATUM	LATITUDE <i>33.17732</i>	LONGITUDE <i>-117.34533</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1456</i>	TIME FINISHED (AT SITE) <i>1500</i>	GRAB SAMPLE TIME

FIELD TEAM *TW/EG*

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) *Slight breeze, but protected from west wind. sun starting to shine. partly cloudy temp = 65°F*

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> <i>faint</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			
	NG MATERI	<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>very few algae clumps</i>

TURBIDN 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 *8.99* TEMPERATURE (°C) *20.24* CONDUCTIVITY (µS/cm) *3578* DO *11.07*

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 1ft
YSE600XL
live fish spotted btwn 104 and 105
motored to site, dropped anchor and bag. Took depth and field measurements

TEAM LEADER'S SIGNATURE *Tommy Holt*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BML ^{ES} Sewage</i>	DATE <i>4/7^{ES} 4/6/07</i>	PROJECT MANAGER <i>Dave Rantrew</i>	RECORDER <i>EG</i>
STATION NAME <i>103</i>	NAV DATUM	LATITUDE <i>33.17625</i>	LONGITUDE <i>-117.34810</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1516</i>	TIME FINISHED (AT SITE) <i>1520</i>	GRAB SAMPLE TIME
FIELD TEAM <i>EG/TW</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
sunny, partial cloudy, breeze from west ≈ 65°F

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			
	NG MATERI	<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	<i>Other 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: <i>a lot of surface algae clumps. some fish.</i>							

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

FIELD MEASUREMENTS: surface pH 9.63 TEMPERATURE (°C) 22.58 CONDUCTIVITY (µS/cm) 4512 DO 16.10

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 = 7m
YSE 600XL
motored to site, dropped anchor. Took depth and field measurements

TEAM LEADER'S SIGNATURE *Tammy Wells*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/6/07	PROJECT MANAGER Dave Kentrew	RECORDER EG
STATION NAME 102	NAV DATUM	LATITUDE 33.17577	LONGITUDE -117.34800
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1524	TIME FINISHED (AT SITE) 1530	GRAB SAMPLE TIME

FIELD TEAM
EG/TW

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
slight breeze, sunny, partial cloudy, no rain, ~70°F

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			
	NG MATERI	<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 algae clumps

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
no bubbles.

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

FIELD MEASUREMENTS: surface pH 9.78 TEMPERATURE (°C) 22.94 CONDUCTIVITY (µS/cm) 4202 DO 10.67

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 = 7in
YSI 600 XL
no-tored to site. dropped bung.
took field measurements.
recalibrated DO before measurement
was taken. Recalibrated to EG

TEAM LEADER'S SIGNATURE Tommy Webb



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>SW sewage</i>	DATE <i>Est 4/6/07</i>	PROJECT MANAGER <i>Dave Renfrew</i>	RECORDER <i>EG</i>
STATION NAME <i>101</i>	NAV DATUM	LATITUDE <i>33.17526</i>	LONGITUDE <i>-117.34716</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1537</i>	TIME FINISHED (AT SITE) <i>1539</i>	GRAB SAMPLE TIME
FIELD TEAM <i>EG/TW</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
*breeze from the west. sunny, partial cloudy
≈ 65°F*

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input checked="" type="checkbox"/> <i>Faint</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			
	NG MATERI	<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>few algae clumps</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)						
TURBIDIT	<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: surface pH *9.76* TEMPERATURE (°C) *23.15* CONDUCTIVITY (µS/cm) *4782* DO *10.04*

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 7m
1/2 600 XL
motored to site, dropped anchor and buoy. measured depth and took field measurements*

TEAM LEADER'S SIGNATURE *Tommy Webb*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/6/07	PROJECT MANAGER Renfrew	RECORDER NW
STATION NAME 10 A	NAV DATUM /	LATITUDE 33.824 16824 ^N	LONGITUDE -117.35600
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1345	TIME FINISHED (AT SITE) 1355	GRAB SAMPLE TIME /

FIELD TEAM
N. Woodward, J. Scholke

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Overcast, 3-5 kts 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 checked="" type="checkbox"/> OTHER

OBJECTS (DESCRIBE)
 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 7.99 TEMPERATURE (°C) 20.31°C CONDUCTIVITY (µS/cm) 3238 µS/cm DO 6.01 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 7.94	TEMP (°C) 20.09	CONDUCTIVITY (µS/cm) 3196 µS/cm	DO 5.10 mg/L
bottom	pH 7.94	TEMP (°C) 20.01	CONDUCTIVITY (µS/cm) 3177 µS/cm	DO 4.50 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 4' 11" - took measurements w/ YSI 556
- dropped buoy at site for marker

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>M. Swayne</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>Rentrew</i>	RECORDER <i>rw</i>
STATION NAME <i>10 B</i>	NAV DATUM	LATITUDE <i>33.16776</i>	LONGITUDE <i>-117.35442</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1400</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, J. Schollie

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
overcast 3-5 mph 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 checked="" type="checkbox"/> OTHER <i>see comments.</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>larval insects</i>							

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

FIELD MEASUREMENTS: *surface* pH *8.25* TEMPERATURE (°C) *20.67* CONDUCTIVITY (µS/cm) *3036 µS/cm* DO *6.31 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

<i>middle</i>	pH <i>8.25</i>	TEMP (°C) <i>20.57</i>	CONDUCTIVITY (µS/cm) <i>3038</i>	DO <i>6.20 mg/L</i>
<i>bottom</i>	pH <i>8.25</i>	TEMP (°C) <i>20.37</i>	CONDUCTIVITY (µS/cm) <i>3046 µS/cm</i>	DO <i>6.30 mg/L</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 8" - took measurements w/ YSI 55b - dropped buoy for site marker

TEAM LEADER'S SIGNATURE 



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>Ben Frew</i>	RECORDER <i>MW</i>	
STATION NAME <i>10 D</i>	NAV DATUM —	LATITUDE <i>33.168923</i>	LONGITUDE <i>-117.35057</i>	
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1415</i>	TIME FINISHED (AT SITE) <i>1420</i>	GRAB SAMPLE TIME —	
FIELD TEAM <i>N. Woodward, J Schaller</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast 3-5 kts 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
	SUSPENDING 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>Some wind chop</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) —				
FIELD MEASUREMENTS: surface pH <i>8.33</i> TEMPERATURE (°C) <i>21.02</i> CONDUCTIVITY (µS/cm) <i>306 µm/100</i> DO <i>6.70 mg/L</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)				
middle	pH <i>8.33</i>	TEMP (°C) <i>21.00</i>	CONDUCTIVITY (µS/cm) <i>3067 µS/cm</i> DO <i>6.69 mg/L</i>	
bottom	pH <i>8.33</i>	TEMP (°C) <i>21.01</i>	CONDUCTIVITY (µS/cm) <i>3067 µS/cm</i> DO <i>6.71 mg/L</i>	
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>Depth ~ 2 ft — took measurements w/ YSI 550</i> <i>— chopped off buoy as site marker</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				

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WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage		DATE 4/14/07	PROJECT MANAGER Rentrax	RECORDER NW
STATION NAME 10E		NAV DATUM —	LATITUDE 33.17061	LONGITUDE -117.35170
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1430	TIME FINISHED (AT SITE) 1435	GRAB SAMPLE TIME —
FIELD TEAM N. Woodward, & J. Schollée				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Overcast, Wind 3-5kts				
WATER QUALITY APPEARANCE	ODOR			
	<input type="checkbox"/> HYDROGEN SULFIDE	<input type="checkbox"/> MUSTY	<input type="checkbox"/> SEWAGE	<input type="checkbox"/> AMMONIA
	<input type="checkbox"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> GASOLINE
	<input type="checkbox"/> OTHER			
COLOR				
<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN	
<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS	<input type="checkbox"/> BLACK	
<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:				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface				
pH	8.35	TEMPERATURE (°C)	21.17°C	CONDUCTIVITY (µS/cm)
				320660
				6.76 mg/L
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle	pH 8.33	TEMP (°C) 21.14°C	CONDUCTIVITY (µS/cm) 3203	DO 6.71 mg/L
bottom	pH 8.23	TEMP (°C) 20.82	CONDUCTIVITY (µS/cm) 3217	DO 6.26 mg/L
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)				
depth 2' 11" - took measurements w/ YSI 55b - dropped buoy as site marker				
TEAM LEADER'S SIGNATURE				

✓



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME Bvl Sewage	DATE 4/6/07	PROJECT MANAGER Renfrew	RECORDER NW
STATION NAME 10 F	NAV DATUM —	LATITUDE 33.17183	LONGITUDE -117.35275
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1440	TIME FINISHED (AT SITE) 1445	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, J Schuller

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Overcast 35 kts 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			
	NG MATERI	<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> 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 on surface algal clumps							

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

FIELD MEASUREMENTS: surface pH 8.33 TEMPERATURE (°C) 20.75 CONDUCTIVITY (µS/cm) 3343 DO 7.30

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

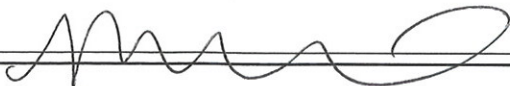
middle	pH <u>8.33</u>	TEMP (°C) <u>20.75</u>	CONDUCTIVITY (µS/cm) <u>3343</u>	DO <u>7.53</u>
bottom	pH <u>8.34</u>	TEMP (°C) <u>20.75</u>	CONDUCTIVITY (µS/cm) <u>3314</u>	DO <u>7.54</u> mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth: 2' 8" — took NO measurements w/ YSI 55b
— dropped buoy as site marker

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/6/07	PROJECT MANAGER K. Brown	RECORDER NW
STATION NAME PO G	NAV DATUM —	LATITUDE 33.17335	LONGITUDE -117.35074
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1450	TIME FINISHED (AT SITE) 1455	GRAB SAMPLE TIME —
FIELD TEAM N. Woodward, J. Schollie			
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Overcast 3-5 kts wind			
WATER QUALITY APPEARANCE	<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		
	NG MATERI <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: bubbles, algae — live turtle on thick shelf freshwater		
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) —			
FIELD MEASUREMENTS: surface pH <u>8.19</u> TEMPERATURE (°C) <u>20.73</u> CONDUCTIVITY (µS/cm) <u>3375</u> DO <u>6.44</u>			
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT) middle-bottom pH <u>8.15</u> TEMP (°C) <u>20.70</u> CONDUCTIVITY (µS/cm) <u>3373</u> DO <u>6.45</u> bottom-middle pH <u>8.18</u> TEMP (°C) <u>20.74</u> CONDUCTIVITY (µS/cm) <u>3375</u> DO <u>6.48</u>			
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) depth 2' 5" WQ measurements w/ VSI 55b dropped buoy as marker 			
TEAM LEADER'S SIGNATURE _____			

General synopsis of Middle Lagoon survey

4-6-07

Began around 10 AM completed 1115

Worked our way along northern shore, went east,

under freeway bridge to edge of tullies, then came

back around southern edge, coming westward.

Saw trash in all parts of the lagoon, mostly plastic and styrofoam

Noted a number of turtles, mainly along middle and eastern sections of the northern edge.

Lots of coots and mallards all around the northern edge. Saw 1 big catfish near reeds (~1 ft long)

Back basins had some collections of suds + ~~scum~~ sheen, likely due to ponding and poor flushing.

Mostly just pollen and bird feathers.

Various other bird species seen, many along the southern edge. Black & red sides, sparrow?

Brown, thin tail

Found dead seagull southern edge, middle section. (see data sheet)

In west, southern section, found 1 egg nestled in tullies (see picture)

Observed Coots feeding on west end, near FCH bridge. Unsure what they were feeding on.

collected
a cooler
from East
end +
campaign
sign from
South
end

EAST



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>7 Apr 2007</i>	PROJECT MANAGER <i>D. Ranburn</i>	RECORDER <i>SC</i>
STATION NAME <i>109</i>	NAV DATUM	LATITUDE <i>33.179136</i> <i>33.17915</i>	LONGITUDE <i>117.34091</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0650</i>	TIME FINISHED (AT SITE) <i>0705</i>	GRAB SAMPLE TIME

FIELD TEAM
DO/SC

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
air ~ 60°, low clouds 0-1 kt NW

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 checked="" type="checkbox"/> OTHER <i>slight organic</i>
	COLOR	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN <i>med.</i>	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
	NG MATERI	<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 <i>less foam than 4/6/07 heavy localized MBAS at Jefferson St. airtar</i>
	TURBIDI'	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE	<i>less turbid than previous</i>	
	WATER QUALITY APPEARANCE COMMENTS: <i>No algae floatable, few dead fish</i>						

less odor than previous to date
less foam than 4/6/07 heavy localized MBAS at Jefferson St. airtar

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

FIELD MEASUREMENTS: surface pH *7.90* TEMPERATURE (°C) *19.50* CONDUCTIVITY (µS/cm) *3,754* DO *1.82* mg/L top

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.00</i>	TEMP (°C) <i>19.59</i>	CONDUCTIVITY (µS/cm) <i>3,779</i>	DO <i>1.02</i> mg/L <i>med</i>
bottom	pH <i>8.07</i>	TEMP (°C) <i>19.60</i>	CONDUCTIVITY (µS/cm) <i>3,779</i>	DO <i>0.76</i> mg/L <i>bottom</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth - 5.3 ft
snailus feeding, some shore birds
Airtar at lagoon ramp elevated from 4/6/07, may create better D.O.

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>7 April 2007</i>	PROJECT MANAGER <i>Dave Renfrew</i>	RECORDER <i>SC</i>
STATION NAME <i>107</i>	NAV DATUM	LATITUDE <i>33.17893</i>	LONGITUDE <i>117.34154</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0712</i>	TIME FINISHED (AT SITE) <i>0725</i>	GRAB SAMPLE TIME

FIELD TEAM
DO/SC

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
1-3 knots north 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 checked="" type="checkbox"/> OTHER <i>Slight organic</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 <i>med</i>	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	NG MATERI	<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 <i>minor matter algae floating</i>
	<input type="checkbox"/> OBJECTS (DESCRIBE)	<i>use the</i>		<input type="checkbox"/> OTHER <i>few dead fish</i>			
TURBIDITY	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <i>Some improvement from 4/6/07 in general water quality appearance</i>							

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

FIELD MEASUREMENTS: surface pH *8.34* TEMPERATURE (°C) *19.58* CONDUCTIVITY (µS/cm) *3,760 µS/cm* DO *2.17 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.31</i>	TEMP (°C) <i>19.61</i>	CONDUCTIVITY (µS/cm) <i>3,780 µS/cm</i>	DO <i>0.88</i>
bottom	pH <i>8.35</i>	TEMP (°C) <i>19.61</i>	CONDUCTIVITY (µS/cm) <i>3,774 µS/cm</i>	DO <i>0.63</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3.1 ft
single bubbles rising from bottom - 3x from 4/6/07
Meeker polymers shore grounds for city of Vista 0720

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage		DATE 7 April 2007		PROJECT MANAGER Dave Renfrew		RECORDER SC	
STATION NAME 106		NAV DATUM		LATITUDE 33.17819		LONGITUDE 117.34180	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0730		TIME FINISHED (AT SITE) 0740		GRAB SAMPLE TIME	
FIELD TEAM DPS/C							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) 1-3 knots west							
WATER QUALITY APPEARANCE	ODOR <input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE ^{Slight} <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <u>odor Heely due to agitator</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 ^{medium} <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER						
	TURBIDITY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE						
	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 <u>Slight foam from agitator</u> <u>few floating matted algae</u>						
	WATER QUALITY APPEARANCE COMMENTS: scum/algae/foam build-up at agitator base						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) normal							
FIELD MEASUREMENTS: surface pH <u>8.30</u> TEMPERATURE (°C) <u>19.35</u> CONDUCTIVITY (µS/cm) <u>3751 µS/cm</u> DO <u>3.31 mg/L</u>							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
middle pH <u>8.32</u> TEMP (°C) <u>19.45</u> CONDUCTIVITY (µS/cm) <u>3771 µS/cm</u> DO <u>1.19 mg/L</u>							
bottom pH <u>8.36</u> TEMP (°C) <u>19.49</u> CONDUCTIVITY (µS/cm) <u>3773 µS/cm</u> DO <u>0.77 mg/L</u>							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) depth 2.3 ft 106 being 4 ft from water table, measurement taken 10 ft from water table single gas bubbles rising from bottom less than 0.9/0.07 single rising bubbles slight bubble stream rainbow stream to single rising bubbles							
TEAM LEADER'S SIGNATURE							

bubbles appear to be decomposition gases



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>7 April 2007</i>	PROJECT MANAGER <i>Dave Renfrew</i>	RECORDER <i>SC</i>
STATION NAME <i>105</i>		NAV DATUM	LATITUDE <i>33.17733</i>	LONGITUDE <i>117.34537</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0749</i>	TIME FINISHED (AT SITE) <i>0802</i>	GRAB SAMPLE TIME
FIELD TEAM <i>DD/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>2-4 knots 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 <i>Slight marsh color (normal)</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 <i>normal</i> <input type="checkbox"/> BLACK <input type="checkbox"/> OTHER			
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	SUSPENDING 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>minor rotting algae</i>			
TURBIDITY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE <i>cloudier than other stations, may be due to temp activity</i>				
WATER QUALITY APPEARANCE COMMENTS: <i>very few bubbles to no decomposition gas bubbles</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>normal site in narrow channel, veg 15 ft from both sides of bank few dead fish</i>				
FIELD MEASUREMENTS: surface pH <i>8.55</i> TEMPERATURE (°C) <i>18.17</i> CONDUCTIVITY (µS/cm) <i>3572</i> ^{µS/cm} <i>10.19</i> DO <i>10.47</i> ^{mg/L} <i>10.47</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>depth 0.7 ft D.O. value seems high moderate carp and fish activity b/w sites 104 and 105 moderate bird activity, some feeding</i>				
TEAM LEADER'S SIGNATURE				

*surround bottle D.O. check at 10:05, YSI high values appear good
head measurement on pilings west of 104, had deep 1" from 4/6/07
D.O. 4-7-07*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BH Sewage</i>		DATE <i>7 April 2007</i>		PROJECT MANAGER <i>Dave Renfrew</i>		RECORDER <i>SC</i>	
STATION NAME <i>103</i>		NAV DATUM		LATITUDE <i>33.17625</i>		LONGITUDE <i>117.34814</i>	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0823</i>		TIME FINISHED (AT SITE) <i>0832</i>		GRAB SAMPLE TIME	
FIELD TEAM <i>DO/SC</i>							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>Slight rippling from wind on water surface W3 hours 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 <i>marshy odors normal</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						
	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 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 <i>visibility to four inches</i> <i>see 03/16/07</i>						
	WATER QUALITY APPEARANCE COMMENTS: <i>too turbid but normal</i>						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>normal</i>							
FIELD MEASUREMENTS: surface pH <i>8.49</i> TEMPERATURE (°C) <i>17.29</i> CONDUCTIVITY (µS/cm) <i>4309</i> DO <i>2.40</i> mg/L <i>mid</i>							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT) middle pH _____ TEMP (°C) <i>17.29</i> 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>depth 0.5 ft</i> <i>some carp activity at site, feeding - less than previous</i> <i>8-10 Great Egrets feeding on site *see photo</i> <i>violet green and barn swallows feeding heavily</i>							
TEAM LEADER'S SIGNATURE							

No dead fish seen



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Searge</i>		DATE <i>7 April 2007</i>		PROJECT MANAGER <i>Dave Rentrak</i>		RECORDER <i>SC</i>	
STATION NAME <i>102</i>		NAV DATUM		LATITUDE <i>33.17583</i>		LONGITUDE <i>117.34811</i>	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0839</i>		TIME FINISHED (AT SITE) <i>0849</i>		GRAB SAMPLE TIME	
FIELD TEAM <i>DO/SC</i>							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)							
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 checked="" type="checkbox"/> OTHER <i>mushy odor</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						
	TSS <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 <i>maybe due to crop activity</i>							
WATER QUALITY APPEARANCE COMMENTS: <i>turbid, seems normal</i>							
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>normal</i>							
FIELD MEASUREMENTS: surface pH <i>8.48</i> TEMPERATURE (°C) <i>17.60</i> CONDUCTIVITY (µS/cm) <i>4199 µS/cm</i> DO <i>7.09 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>depth: 0.6 ft</i> <i>some crop activity - moderate feeding activity, more than site 103</i> <i>8-10 Green Egrets feeding on site</i> <i>Waterfowl and Barn Swallows feeding heavily, no dead fish outside</i>							
TEAM LEADER'S SIGNATURE							

mid.



WATER QUALITY FIELD DATA LOG

lot. D.O.
 33.17524
 17.34715

PROJECT/SURVEY NAME <i>WL Sewage</i>	DATE <i>7 April 2007</i>	PROJECT MANAGER <i>Dave Renfrew</i>	RECORDER <i>SL</i>
STATION NAME <i>101</i>	NAV DATUM	LATITUDE <i>33.1753133 (D.O.)</i>	LONGITUDE <i>17.34710</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0859</i>	TIME FINISHED (AT SITE) <i>0907</i>	GRAB SAMPLE TIME

FIELD TEAM
DB/SL

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
1-3 knots west, low clouds

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 <i>marshy odor, no smell</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			
	FOATING 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 <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>turbid, seems normal cannot see bottom @ 6"</i>							

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

FIELD MEASUREMENTS: surface pH *8.42* TEMPERATURE (°C) *17.38* CONDUCTIVITY (µS/cm) *4013* DO *8.16* 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 0.5A
 @ 10 Gram Bysses feeding on site
 Water Cresses and Dain shallows feeding heavily
 no dead fish*

TEAM LEADER'S SIGNATURE

limited camp activity

mid



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Seepage</i>		DATE <i>7 April 2007</i>	PROJECT MANAGER <i>Dave Reuther</i>	RECORDER <i>SC</i>
STATION NAME <i>104</i>		NAV DATUM	LATITUDE <i>33.17670</i>	LONGITUDE <i>117.34467</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0920</i>	TIME FINISHED (AT SITE) <i>0930</i>	GRAB SAMPLE TIME
FIELD TEAM <i>PO/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>2-4 knots west, low clouds</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 <i>marshy odor normal</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			
	NG MATERI <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 <i>None</i>			
TURBIDITY <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE <i>can not see bottom</i>				
WATER QUALITY APPEARANCE COMMENTS: <i>turbid. seems normal</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.59</i> TEMPERATURE (°C) <i>18.39</i> CONDUCTIVITY (µS/cm) <i>3615 µS/cm</i> DO <i>8.89 mg/L</i> <i>mid</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>depth 0.6 ft</i> <i>Heavy moderate carp activity, to east and north of 104</i> <i>visited Green and Barn swallows feeding moderate activity</i> <i>Strong H₂S odor from disturbed sediment/agchot (removed)</i>				
TEAM LEADER'S SIGNATURE				

YSI test, shaken bottle, D.O. 10.55 mg/L
no dead fish seen on site



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVI Sewage</i>		DATE <i>7 April 2007</i>	PROJECT MANAGER <i>Dave Hoffman</i>	RECORDER <i>SL</i>
STATION NAME <i>108</i>		NAV DATUM	LATITUDE <i>37.17937</i>	LONGITUDE <i>117.34201</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0955</i>	TIME FINISHED (AT SITE) <i>1005</i>	GRAB SAMPLE TIME
FIELD TEAM <i>DO/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>2-4 hours west, low clouds, slight drizzle</i>				
WATER QUALITY APPEARANCE	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input checked="" type="checkbox"/> OTHER <i>slight organic</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			
	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 <i>Some rotted algae</i> <input type="checkbox"/> OBJECTS (DESCRIBE) <i>few bubbles</i>			
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: <i>turbid, visibility < 6"</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.45</i> TEMPERATURE (°C) <i>19.45</i> CONDUCTIVITY (µS/cm) <i>3766</i> ^{µS/cm 2.10} DO <i>3.06 mg/L</i> _(504 µM)				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <i>8.47</i> TEMP (°C) <i>19.41</i> CONDUCTIVITY (µS/cm) <i>3754 µS/cm</i> DO <i>1.27 mg/L</i> _(504 µM) <i>mid</i>				
bottom pH <i>8.45</i> TEMP (°C) <i>19.35</i> CONDUCTIVITY (µS/cm) <i>3760 µS/cm</i> DO <i>1.08 mg/L</i> _(504 µM) <i>bottom</i>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth 3.2 ft</i> <i>No fish activity limited bird activity</i> <i>No dead fish</i>				
TEAM LEADER'S SIGNATURE				

YSI shaken bottle test 10.74 mg/L



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>		DATE <i>4/17/07</i>	PROJECT MANAGER <i>D. Renfrew</i>	RECORDER <i>CH</i>
STATION NAME <i>106</i>		NAV DATUM	LATITUDE <i>33 17 33.6</i>	LONGITUDE <i>-117.35074</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0845</i>	TIME FINISHED (AT SITE) <i>0851</i>	GRAB SAMPLE TIME
FIELD TEAM <i>Lawrence Campagna / Cathy Hart</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>overcast, 6-8, 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"/> SOAP	<input type="checkbox"/> CHLORINE	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> GASOLINE
	<input type="checkbox"/> YELLOW	<input type="checkbox"/> GREEN	<input type="checkbox"/> BLUE	<input checked="" type="checkbox"/> BROWN
	<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS	<input type="checkbox"/> BLACK
NG MATERI				
<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"/> OBJECTS (DESCRIBE)			<input type="checkbox"/> SUDS	
<input checked="" type="checkbox"/> OTHER <i>bubbles</i>				
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: <i>bubbles at surface, some scum with slight sheen to it</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Depth - 2' 4"</i>				
FIELD MEASUREMENTS: surface				
pH	<i>7.96</i>	TEMPERATURE (°C)	<i>18.84</i>	CONDUCTIVITY (µS/cm)
				<i>3469</i>
				DO <i>3.84</i>
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)				
middle	pH <i>7.97</i>	TEMP (°C) <i>18.84</i>	CONDUCTIVITY (µS/cm) <i>3410</i>	DO <i>3.84</i>
bottom	pH <i>7.86</i>	TEMP (°C) <i>18.79</i>	CONDUCTIVITY (µS/cm) <i>3409</i>	DO <i>3.30</i>
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>observed 4 cormorants, 720 coots swimming also mallards or similar lots of fish</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				



WATER QUALITY FIELD DATA LOG

mid

PROJECT/SURVEY NAME BVL	DATE 4/7/07	PROJECT MANAGER D. Fenfred	RECORDER CH
STATION NAME 10A	NAV DATUM	LATITUDE 33.16820	LONGITUDE -117.35606
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0740	TIME FINISHED (AT SITE) 0745	GRAB SAMPLE TIME

FIELD TEAM
Lawrence Campagna / 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			
	NG MATERI	<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>

TURBIDI* HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
water a little cloudy, brown no odor

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Depth - 3' 11"

FIELD MEASUREMENTS: surface pH 7.89 TEMPERATURE (°C) 19.34 CONDUCTIVITY (µS/cm) 3197 DO 3.50 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>7.89</u>	TEMP (°C) <u>19.30</u>	CONDUCTIVITY (µS/cm) <u>3185</u>	DO <u>3.33</u>
bottom	pH <u>7.88</u>	TEMP (°C) <u>19.28</u>	CONDUCTIVITY (µS/cm) <u>3177</u>	DO <u>3.19</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
observed ducks. Hear bullfrog close by in thicket.
~~insect~~ cloud of mayflies. lots of swallows
no dead fish observed

TEAM LEADER'S SIGNATURE





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>	DATE <u>4/7/07</u>	PROJECT MANAGER <u>D. Renfred</u>	RECORDER <u>CH</u>
STATION NAME <u>10B</u>	NAV DATUM	LATITUDE <u>33.16775</u>	LONGITUDE <u>-117.35442</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>0751</u>	TIME FINISHED (AT SITE) <u>0755</u>	GRAB SAMPLE TIME

FIELD TEAM
Laurence Campagna / Cathy Horton

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				
	NG MATERI	<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 type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: <u>Small amount of suds - cloudy, brown, no smell</u>								

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Depth - 2' 7"

FIELD MEASUREMENTS: surface pH 8.12 TEMPERATURE (°C) 19.58 CONDUCTIVITY (µS/cm) 3063 DO 4.90

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>8.15</u>	TEMP (°C) <u>19.60</u>	CONDUCTIVITY (µS/cm) <u>3065</u>	DO <u>4.88</u>
bottom	pH <u>8.15</u>	TEMP (°C) <u>19.70</u>	CONDUCTIVITY (µS/cm) <u>3007</u>	DO <u>4.79</u>

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

TEAM LEADER'S SIGNATURE
[Signature]





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>	DATE <u>4/7/07</u>	PROJECT MANAGER <u>D. Bentzen</u>	RECORDER <u>CT</u>
STATION NAME <u>10D</u>	NAV DATUM	LATITUDE <u>33.16874</u>	LONGITUDE <u>-117.55060</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>0805</u>	TIME FINISHED (AT SITE) <u>0810</u>	GRAB SAMPLE TIME

FIELD TEAM
Lawrence Campana / Cathy Horton

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			
	NG MATERI	<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 type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: <u>cloudy, brown, no odor</u>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Depth - 2' 9"

FIELD MEASUREMENTS: surface pH 7.97 TEMPERATURE (°C) 19.52 CONDUCTIVITY (µS/cm) 3096 DO 3.39

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

middle	pH <u>8.04</u>	TEMP (°C) <u>19.53</u>	CONDUCTIVITY (µS/cm) <u>3102</u>	DO <u>3.30</u>
bottom	pH <u>8.00</u>	TEMP (°C) <u>19.58</u>	CONDUCTIVITY (µS/cm) <u>3083</u>	DO <u>3.16</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
lots of swallow observed. 1 night heron observed between 10B & 10D. 1 pic LC, 1 pic data sheet fish activity observed in core nearest site (bass). 3 magpies

TEAM LEADER'S SIGNATURE
[Signature]





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL	DATE 4/17/07	PROJECT MANAGER D. Kenfrew	RECORDER CH
STATION NAME 10E	NAV DATUM	LATITUDE 33.17066	LONGITUDE -117.35174
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0827	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
Lawena Campyano / Cathy Foster

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			
	NG MATERI	<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

TURBIDITY: HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
Suds churned up by propeller

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Depth - 3' 2"

FIELD MEASUREMENTS: surface pH 8.15 TEMPERATURE (°C) 19.50 CONDUCTIVITY (µS/cm) 3149 DO 4.99

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle pH 8.17 TEMP (°C) 19.52 CONDUCTIVITY (µS/cm) 3150 DO 4.80

bottom pH 8.17 TEMP (°C) 19.49 CONDUCTIVITY (µS/cm) 3144 DO 4.82

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
1 great blue heron observed between 10F & 10E in island
pics of heron (1 standing, 1 flying)
Suds.

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>	DATE <i>4/19/07</i>	PROJECT MANAGER <i>D. Kenfred</i>	RECORDER <i>CH</i>
STATION NAME <i>10F</i>	NAV DATUM	LATITUDE <i>33.17185</i>	LONGITUDE <i>-117.35275</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0817</i>	TIME FINISHED (AT SITE) <i>0822</i>	GRAB SAMPLE TIME

FIELD TEAM
Lorena Campagna / 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 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			
	NG MATERI	<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 type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE		
WATER QUALITY APPEARANCE COMMENTS: <i>no particular obs, cloudy, brown, no odor</i>							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
Depth - 2' 4"

FIELD MEASUREMENTS: surface pH *8.01* TEMPERATURE (°C) *19.07* CONDUCTIVITY (µS/cm) *3284* DO *4.51*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.02</i>	TEMP (°C) <i>19.08</i>	CONDUCTIVITY (µS/cm) <i>3291</i>	DO <i>4.37</i>
bottom	pH <i>8.02</i>	TEMP (°C) <i>19.11</i>	CONDUCTIVITY (µS/cm) <i>3293</i>	DO <i>4.25</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
*lots of coots > 10 flying off water at approach
> 75 observed in air - lots of swallows.*

TEAM LEADER'S SIGNATURE
[Signature]





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>Pool Fish Kill</i>		DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Ruffalo</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>101</i>		NAV DATUM	LATITUDE <i>3317522</i>	LONGITUDE <i>117.34717</i>
SAMPLE IDENTIFICATION <i>0</i>		TIME STARTED (AT SITE) <i>1415</i>	TIME FINISHED (AT SITE) <i>1418</i>	GRAB SAMPLE TIME <i>0</i>
FIELD TEAM <i>T. Weiss Mike A.</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>100% overcast wind 0-5 kts NW</i>				
WATER QUALITY APPEARANCE	ODOR			
	<input type="checkbox"/> HYDROGEN SULFIDE <input checked="" 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 checked="" 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			
SUSPENDING 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 <i>algae fuff</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) <i>Cracks on shore 220' from stream</i>				
FIELD MEASUREMENTS: surface				
pH <i>9.02</i> TEMPERATURE (°C) <i>20.32</i> CONDUCTIVITY (µS/cm) <i>4541</i> DO <i>15.72</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle				
pH <i>0</i> TEMP (°C) <i>0</i> CONDUCTIVITY (µS/cm) <i>0</i> DO <i>0</i>				
bottom				
pH <i>0</i> TEMP (°C) <i>0</i> CONDUCTIVITY (µS/cm) <i>0</i> DO <i>0</i>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>Depth 0' 6" only surface data</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BUL Fish Kill</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Renfro</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>102</i>	NAV DATUM	LATITUDE <i>33.17581</i>	LONGITUDE <i>117.34808</i>
SAMPLE IDENTIFICATION <i>θ</i>	TIME STARTED (AT SITE) <i>1403</i>	TIME FINISHED (AT SITE) <i>1411</i>	GRAB SAMPLE TIME <i>θ</i>
FIELD TEAM <i>T. walls Mike A.</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% rain wind 5-10 KTS NW

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 checked="" 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	<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

LARGE FUNGUS

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
θ

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
CAITAILS c 20' FROM STATION

FIELD MEASUREMENTS: surface pH *9.40* TEMPERATURE (°C) *20.65* CONDUCTIVITY (µS/cm) *4481* DO *22.43* - *B.1 in A.1*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>θ</i>	TEMP (°C) <i>θ</i>	CONDUCTIVITY (µS/cm) <i>θ</i>	DO <i>θ</i>
bottom	pH <i>θ</i>	TEMP (°C) <i>θ</i>	CONDUCTIVITY (µS/cm) <i>θ</i>	DO <i>θ</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0' 7" only surface data
Fish Activity @ Station

TEAM LEADER'S SIGNATURE *M. Angeles*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BUL Fish Kill</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Reifman</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>103</i>	NAV DATUM	LATITUDE <i>33.17626</i>	LONGITUDE <i>117.34810</i>
SAMPLE IDENTIFICATION <i>0</i>	TIME STARTED (AT SITE) <i>1359</i>	TIME FINISHED (AT SITE) <i>1405</i>	GRAB SAMPLE TIME <i>0</i>

FIELD TEAM
T. Weiss Mike A.

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% Cloud

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 checked="" 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	<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

OBJECTS (DESCRIBE): *ALGAL FUNGUS*

TURBIDITY: HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
ALGAL FUNGUS 3-4" in diameter

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

FIELD MEASUREMENTS: surface pH *9.54* TEMPERATURE (°C) *20.59* CONDUCTIVITY (µS/cm) *4416* DO *18.91*

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

middle	pH	TEMP (°C)	CONDUCTIVITY (µS/cm)	DO
	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
bottom	pH	TEMP (°C)	CONDUCTIVITY (µS/cm)	DO
	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0' to 8' only surface data
150 Swabcocks drinking water
fish Activity in Pool 3-8" Algal Fungus

TEAM LEADER'S SIGNATURE
M. [Signature]

READING P. 110 AM



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BUL Fish Kill	DATE 4-7-07	PROJECT MANAGER D. Redfrew	RECORDER Mike A.
STATION NAME 104	NAV DATUM	LATITUDE 33.17666	LONGITUDE 117.34464
SAMPLE IDENTIFICATION A	TIME STARTED (AT SITE) 1338	TIME FINISHED (AT SITE) 1340	GRAB SAMPLE TIME A
FIELD TEAM T. Wells Mike A.			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% calm 5 to 10 kt winds NW

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 checked="" 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				
	NO. OF 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"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE	
WATER QUALITY APPEARANCE COMMENTS: AISCAL clouds (1-4" in diameter)								

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

FIELD MEASUREMENTS: surface pH 9.44 TEMPERATURE (°C) 19.95 CONDUCTIVITY (µS/cm) 3961 DO 8.43

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH	<u>A</u>	TEMP (°C)	<u>A</u>	CONDUCTIVITY (µS/cm)	<u>A</u>	DO	<u>A</u>
bottom	pH	<u>A</u>	TEMP (°C)	<u>A</u>	CONDUCTIVITY (µS/cm)	<u>A</u>	DO	<u>A</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 0' 8" only surface data
Fish Activity / Rise / AISCAL clouds

TEAM LEADER'S SIGNATURE M. Wells



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BUL Fresh Kill</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Rosewood</i>	RECORDER <i>M. A. ...</i>
STATION NAME <i>105</i>	NAV DATUM	LATITUDE <i>33.17731</i>	LONGITUDE <i>117.34532</i>
SAMPLE IDENTIFICATION <i>0</i>	TIME STARTED (AT SITE) <i>1345</i>	TIME FINISHED (AT SITE) <i>13.48</i>	GRAB SAMPLE TIME <i>0</i>
FIELD TEAM <i>T. Wells M. Anderson</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% cover wind 05 kts NW

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 checked="" 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	<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)	<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>Some ALGAL tufts</i>							

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

FIELD MEASUREMENTS: surface pH *8.93* TEMPERATURE (°C) *19.00* CONDUCTIVITY (µS/cm) *3699* DO *9.42*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH	<i>0</i>	TEMP (°C)	<i>0</i>	CONDUCTIVITY (µS/cm)	<i>0</i>	DO	<i>0</i>
bottom	pH	<i>0</i>	TEMP (°C)	<i>0</i>	CONDUCTIVITY (µS/cm)	<i>0</i>	DO	<i>0</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
*Depth 0' 8"
only surface data*

TEAM LEADER'S SIGNATURE *MA...*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BUL Fish Kills</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Redman</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>106</i>	NAV DATUM	LATITUDE <i>33.17825</i>	LONGITUDE <i>117.34187</i>
SAMPLE IDENTIFICATION <i>0</i>	TIME STARTED (AT SITE) <i>1329</i>	TIME FINISHED (AT SITE) <i>1331</i>	GRAB SAMPLE TIME <i>0</i>
FIELD TEAM <i>Drews M. Anderson</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% clear winds starts NW

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 checked="" 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	<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 checked="" 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)
castles on stone

FIELD MEASUREMENTS: surface pH *8.62* TEMPERATURE (°C) *19.92* CONDUCTIVITY (µS/cm) *3866* DO *11.30*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.61</i>	TEMP (°C) <i>19.92</i>	CONDUCTIVITY (µS/cm) <i>3867</i>	DO <i>11.37</i>
bottom	pH <i>8.66</i>	TEMP (°C) <i>19.92</i>	CONDUCTIVITY (µS/cm) <i>3868</i>	DO <i>11.37</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
DRTS - 2' 6"

TEAM LEADER'S SIGNATURE *M. Anderson*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Fish Kill</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Penfrew</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>107</i>	NAV DATUM	LATITUDE <i>33.17895</i>	LONGITUDE <i>117.34149</i>
SAMPLE IDENTIFICATION <i>0</i>	TIME STARTED (AT SITE) <i>1323</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME <i>0</i>

FIELD TEAM
T. Wells Mike A.

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% cover 5-10 KTS 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 checked="" 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	<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 HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
Some bubbles w/ oily sheen on top

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

FIELD MEASUREMENTS: surface pH *8.28* TEMPERATURE (°C) *19.81* CONDUCTIVITY (µS/cm) *3807* DO *4.76*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.31</i>	TEMP (°C) <i>19.79</i>	CONDUCTIVITY (µS/cm) <i>3805</i>	DO <i>3.68</i>
bottom	pH <i>8.40</i>	TEMP (°C) <i>19.67</i>	CONDUCTIVITY (µS/cm) <i>3794</i>	DO <i>2.43</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 5' 3"
Fish Advisory

TEAM LEADER'S SIGNATURE
M. A. [Signature]



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Fish Kill</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. DeFresco</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>108</i>	NAV DATUM	LATITUDE <i>33.17940</i>	LONGITUDE <i>117.34196</i>
SAMPLE IDENTIFICATION <i>A</i>	TIME STARTED (AT SITE) <i>13:02</i>	TIME FINISHED (AT SITE) <i>13:10</i>	GRAB SAMPLE TIME <i>A</i>

FIELD TEAM
Tommy W. Mike A.

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100 over WINDS 5-10 NW

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 checked="" 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			
	NO Floating MATERIAL	<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
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>Small bubbles on surface</i>							

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

FIELD MEASUREMENTS: surface
pH *8.26* TEMPERATURE (°C) *19.84* CONDUCTIVITY (µS/cm) *3813* DO *5.52*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.26</i>	TEMP (°C) <i>19.83</i>	CONDUCTIVITY (µS/cm) <i>3815</i>	DO <i>5.38</i>
bottom	pH <i>8.32</i>	TEMP (°C) <i>19.82</i>	CONDUCTIVITY (µS/cm) <i>3814</i>	DO <i>5.41</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth - 3'

TEAM LEADER'S SIGNATURE
Mike A.



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>Boil Fish Kill</i>	DATE <i>4-7-07</i>	PROJECT MANAGER <i>D. Redman</i>	RECORDER <i>Mike A.</i>
STATION NAME <i>109</i>	NAV DATUM	LATITUDE <i>33.17921</i>	LONGITUDE <i>117.34088</i>
SAMPLE IDENTIFICATION <i>0</i>	TIME STARTED (AT SITE) <i>1315</i>	TIME FINISHED (AT SITE) <i>1319</i>	GRAB SAMPLE TIME <i>0</i>
FIELD TEAM <i>T. Wells Mike A.</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
100% cover wind 0-5 kts NW

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 checked="" 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			
	FOATING 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>SPOT FROM NEAR BY AREA</i>							

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

FIELD MEASUREMENTS: surface pH *8.42* TEMPERATURE (°C) *19.32* CONDUCTIVITY (µS/cm) *3807* DO *3.96*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH	<i>8.34</i>	TEMP (°C)	<i>19.80</i>	CONDUCTIVITY (µS/cm)	<i>3805</i>	DO	<i>3.94</i>
bottom	pH	<i>8.39</i>	TEMP (°C)	<i>19.78</i>	CONDUCTIVITY (µS/cm)	<i>3804</i>	DO	<i>3.95</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
Depth 4' 10"

TEAM LEADER'S SIGNATURE *M. Wells*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/7/07</i>	PROJECT MANAGER <i>Ken Frew</i>	RECORDER <i>NW</i>						
STATION NAME <i>10F</i>	NAV DATUM	LATITUDE <i>33.17194</i>	LONGITUDE <i>-117.35277</i>						
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1340</i>	TIME FINISHED (AT SITE) <i>1348</i>	GRAB SAMPLE TIME						
FIELD TEAM <i>N. Woodward, J. Schollee</i>									
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>Cloudy, cool, low clouds, 3-5 kts 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			
	SUSPENDING 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>see comments</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>fine particulates, some bubbles</i>									
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <hr/>									
FIELD MEASUREMENTS: surface									
pH <i>8.20</i>		TEMPERATURE (°C) <i>19.68</i>		CONDUCTIVITY (µS/cm) <i>3282</i>		DO <i>6.13 mg/L</i>			
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)									
middle		pH <i>8.20</i>		TEMP (°C) <i>19.69</i>		CONDUCTIVITY (µS/cm) <i>3282</i>		DO <i>6.31 mg/L</i>	
bottom		pH <i>8.21</i>		TEMP (°C) <i>19.69</i>		CONDUCTIVITY (µS/cm) <i>3283</i>		DO <i>6.25 mg/L</i>	
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth: 2' 6" W& measurements w/ YSI 556</i>									
TEAM LEADER'S SIGNATURE 									



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/7/07</i>	PROJECT MANAGER <i>Rentrow</i>	RECORDER <i>MV</i>
STATION NAME <i>10 G</i>	NAV DATUM _____	LATITUDE <i>33.17341</i>	LONGITUDE <i>-117.35072</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1350</i>	TIME FINISHED (AT SITE) <i>1355</i>	GRAB SAMPLE TIME _____

FIELD TEAM
N Woodward, J Schollée

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, cool - low 60's, 3-5kts 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			
	NO Floating 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>See Comments</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>fine particulates, algal clumps</i>							

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

FIELD MEASUREMENTS: surface pH *8.11* TEMPERATURE (°C) *19.59* CONDUCTIVITY (µS/cm) *3394* DO *5.63 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <i>8.08</i>	TEMP (°C) <i>19.55</i>	CONDUCTIVITY (µS/cm) <i>3395</i>	DO <i>5.55 mg/L</i>
bottom	pH <i>8.05</i>	TEMP (°C) <i>19.52</i>	CONDUCTIVITY (µS/cm) <i>3393</i>	DO <i>5.61 mg/L</i>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2.911 W& measurements w/ YSI 556

TEAM LEADER'S SIGNATURE
[Signature]



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BML Sewage	DATE 4/6/07 4/7/07	PROJECT MANAGER R. Andrew	RECORDER NW
STATION NAME 10A	NAV DATUM —	LATITUDE 33.16821	LONGITUDE -117.35604
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1306	TIME FINISHED (AT SITE) 1310	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, J. Schellee

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
cloudy, 0-3 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 type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input checked="" type="checkbox"/> OTHER none
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	NG MATERI	<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: normal.							

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

FIELD MEASUREMENTS: surface pH 7.89 TEMPERATURE (°C) 19.51°C CONDUCTIVITY (µS/cm) 3190 DO 3.59 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)
middle pH 7.87 TEMP (°C) 19.31 CONDUCTIVITY (µS/cm) 3189 DO 2.85 mg/L
bottom pH 7.87 TEMP (°C) 19.29 CONDUCTIVITY (µS/cm) 3192 DO 2.88 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3' 10" measurements using YSI 556

TEAM LEADER'S SIGNATURE





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/7/07	PROJECT MANAGER Ken Frew	RECORDER NW
STATION NAME 10B	NAV DATUM	LATITUDE 33.14778	LONGITUDE -117.35439
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 10:15	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, J Schollée

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
cloudy breezy AB 3 SE gust

WATER QUALITY APPEARANCE	<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
	<input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input type="checkbox"/> BROWN <input type="checkbox"/> BLACK <input checked="" type="checkbox"/> OTHER <i>none</i>
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS
	<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
<input type="checkbox"/> 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</i>	

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

FIELD MEASUREMENTS: surface
 pH ^{8.21} ~~5.34~~ TEMPERATURE (°C) 20.03 °C CONDUCTIVITY (µS/cm) 3091 µS DO ^{5.34} ~~8.21~~ mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.22	TEMP (°C) 19.86 °C	CONDUCTIVITY (µS/cm) 3099 µS	DO 5.49 mg/L
bottom	pH 8.20	TEMP (°C) 19.28 °C	CONDUCTIVITY (µS/cm) 3099 µS	DO 5.49 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
 depth 21 m
 WQ measurements using YSI 556

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME bvl sewage	DATE 4/7/07	PROJECT MANAGER Denton	RECORDER NW
STATION NAME 10D	NAV DATUM ✓	LATITUDE 33.16894	LONGITUDE -117.35059
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1325	TIME FINISHED (AT SITE) 1330	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, J. Schallée

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
cloudy, 3-5kts 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 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	<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 8.22 TEMPERATURE (°C) 20.04 CONDUCTIVITY (µS/cm) 3105 DO 5.46mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

middle pH 8.21 TEMP (°C) 20.04 CONDUCTIVITY (µS/cm) 3107 DO 5.44mg/L

bottom pH 8.21 TEMP (°C) 20.04 CONDUCTIVITY (µS/cm) 3106 DO 5.45mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 11" measurements w/ YSI 556.

TEAM LEADER'S SIGNATURE





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/7/07	PROJECT MANAGER Pen from	RECORDER NW
STATION NAME 10 E	NAV DATUM —	LATITUDE 33.17058 ⁶³	LONGITUDE -117.35159 ⁶¹
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1335	TIME FINISHED (AT SITE) 1340	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, J Schullée

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

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 checked="" 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 type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input checked="" type="checkbox"/> OTHER	none
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS				
	NG MATERI	<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 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 8.29 TEMPERATURE (°C) 20.67 CONDUCTIVITY (µS/cm) 3220 DO 5.96 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.29	TEMP (°C) 20.06	CONDUCTIVITY (µS/cm) 3222	DO 5.81 mg/L
bottom	pH 8.20	TEMP (°C) 19.87	CONDUCTIVITY (µS/cm) 3229	DO 5.42 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3' 0" WQ measurements using YSI 55b

TEAM LEADER'S SIGNATURE



2 new aerator/compressor pumps @ E. launch
DO 4.5 mg/l 25' from 'ramp'



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>3VL</u>		DATE <u>4/8/07</u>	PROJECT MANAGER <u>D. Renfrow</u>	RECORDER <u>CH</u>
STATION NAME <u>109</u>		NAV DATUM	LATITUDE <u>53.17918</u>	LONGITUDE <u>-117.34039</u>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <u>0710</u>	TIME FINISHED (AT SITE) <u>0721</u>	GRAB SAMPLE TIME
FIELD TEAM <u>Damon Owen / Cathy Hubman</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			
	SUSPENDED 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 <u>None</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>Depth - 2.7' slight sewage odor only less *suds at Jefferson aerator</u>			
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <u>8.23</u> TEMPERATURE (°C) <u>19.10</u> CONDUCTIVITY (µS/cm) <u>3804</u> DO <u>4.45</u>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <u>8.20</u> TEMP (°C) <u>19.07</u> CONDUCTIVITY (µS/cm) <u>3802</u> DO <u>3.93</u>				
bottom pH <u>8.21</u> TEMP (°C) <u>19.06</u> CONDUCTIVITY (µS/cm) <u>3801</u> DO <u>3.45</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <u>pics - dataset, Jefferson aerator foam (3) aerator appears to be pumping a smaller volume of water, few - zero dead fish on site. 4-5 live fish noted</u>				
TEAM LEADER'S SIGNATURE _____				

* late start, used basin #51 had bad membrane, no DO solution provided in Ashland
on site 0700
let's call + complaint
inbas foam



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>		DATE <u>4/8/07</u>	PROJECT MANAGER <u>Tr Renfrew</u>	RECORDER <u>CH</u>
STATION NAME <u>107</u>		NAV DATUM	LATITUDE <u>33.17897</u>	LONGITUDE <u>-117.24154</u>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <u>0725</u>	TIME FINISHED (AT SITE) <u>0730</u>	GRAB SAMPLE TIME
FIELD TEAM <u>Damon Owen / Cathy Hahn</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			
	SUSPENDING 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 <u>spots of sheen</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>Depth - 5.1' faint sewage smell</u>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <u>8.24</u> TEMPERATURE (°C) <u>19.03</u> CONDUCTIVITY (µS/cm) <u>3793</u> DO <u>3.95</u>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)				
middle pH <u>8.22</u> TEMP (°C) <u>19.04</u> CONDUCTIVITY (µS/cm) <u>3795</u> DO <u>3.51</u>				
bottom pH <u>8.35</u> TEMP (°C) <u>19.05</u> CONDUCTIVITY (µS/cm) <u>3795</u> DO <u>3.26</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <u>live carp activity - no dead fish observed.</u>				
TEAM LEADER'S SIGNATURE _____				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/8/07		PROJECT MANAGER D. Kenfrew		RECORDER CH	
STATION NAME 106		NAV DATUM		LATITUDE 33.17823		LONGITUDE -117.34186	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0730		TIME FINISHED (AT SITE) 0735		GRAB SAMPLE TIME	
FIELD TEAM Damon Owen / Cathy Hartman							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, 0-3, low bog							
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						
	FOAMING MATERIAL <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: depth - 2.3' few dead fish (2)						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) pits - datsahut, aerator, scum collecting between aerator line and shore							
FIELD MEASUREMENTS: surface pH 8.19 TEMPERATURE (°C) 18.74 CONDUCTIVITY (µS/cm) 3790 DO 4.17							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
middle pH 8.19 TEMP (°C) 18.77 CONDUCTIVITY (µS/cm) 3792 DO 4.07							
bottom pH 8.20 TEMP (°C) 18.73 CONDUCTIVITY (µS/cm) 3792 DO 4.22							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) 5' east of aerator 2. Limited live carp activity. Higher sewage smell, possibly due to aeration. Limited bird activity. no dead fish observed.							
TEAM LEADER'S SIGNATURE _____							



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL 105	DATE 4/8/07	PROJECT MANAGER D. Kennew	RECORDER CH
STATION NAME 105	NAV DATUM	LATITUDE 33.17731	LONGITUDE -117.34533
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0745	TIME FINISHED (AT SITE) 0751	GRAB SAMPLE TIME

FIELD TEAM
Damon Dixon / Cathy Hartman

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

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 checked="" type="checkbox"/> OTHER <u>mushy</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			
	NG MATERI	<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>flocculent 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: Depth - 0.6'							

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

FIELD MEASUREMENTS: surface pH 9.32 TEMPERATURE (°C) 17.49 CONDUCTIVITY (µS/cm) 3830 DO 10.74

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle pH _____ TEMP (°C) _____ CONDUCTIVITY (µS/cm) _____ DO 10.72

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

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

performed Shaky bottle test on 4/5/1. → 9.60 mg/L
Some fish activity. few dead fish (2-3)
Corp activity en route to site 105

TEAM LEADER'S SIGNATURE _____

(DUP)



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/8/07		PROJECT MANAGER D. Kenfred		RECORDER CH	
STATION NAME 103		NAV DATUM		LATITUDE 33.17628		LONGITUDE -117.34811	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0807		TIME FINISHED (AT SITE) 0810		GRAB SAMPLE TIME	
FIELD TEAM Damon Owen / Cathy Hartman							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) overcast, 0-3, low 60s at 4 hr SW							
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 <u>none</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: Depth - 0.5'						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS: surface pH <u>8.23</u> TEMPERATURE (°C) <u>17.11</u> CONDUCTIVITY (µS/cm) <u>4782</u> DO <u>4.93</u>							
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) lots of swallows. Some fish activity. wading birds feeding on west shore p.c. - Jachet - egrets. No dead still fish.							
TEAM LEADER'S SIGNATURE _____							



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>		DATE <u>4/18/07</u>	PROJECT MANAGER <u>D. Kenfrew</u>	RECORDER <u>CH</u>
STATION NAME <u>102</u>		NAV DATUM	LATITUDE <u>33.17580</u>	LONGITUDE <u>-117.34806</u>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <u>0815</u>	TIME FINISHED (AT SITE) <u>0820</u>	GRAB SAMPLE TIME
FIELD TEAM <u>Damon Owen / Cathy Hahn</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 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			
	SUSPENDING 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 <u>none</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>at 0.5' Depth - 0.5'</u>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <u>8.19</u> TEMPERATURE (°C) <u>17.49</u> CONDUCTIVITY (µS/cm) <u>4122</u> DO <u>4.08</u>				
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) <u>lots of swallows, limited carp activity, no dead fish observed.</u>				
TEAM LEADER'S SIGNATURE _____				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>		DATE <i>4/18/07</i>	PROJECT MANAGER <i>D. Kenfrew</i>	RECORDER <i>CH</i>
STATION NAME <i>101</i>		NAV DATUM	LATITUDE <i>53.17528</i>	LONGITUDE <i>-117.34715</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>0825</i>	TIME FINISHED (AT SITE) <i>0836</i>	GRAB SAMPLE TIME
FIELD TEAM <i>Damon Owen / Cathy Hoshman</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			
	SUSPENDING 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>Depth - 0.4'</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <i>8.17</i> TEMPERATURE (°C) <i>16.88</i> CONDUCTIVITY (µS/cm) <i>4031</i> DO <i>10.33</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle	pH _____	TEMP (°C) _____	CONDUCTIVITY (µS/cm) _____	DO <i>10.54</i>
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>corp activity on mile to 10x lots of swallows - No dead fish observed. Do - saturated water bottle test - 9.67</i>				
TEAM LEADER'S SIGNATURE _____				

Dup



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL</i>	DATE <i>4/18/07</i>	PROJECT MANAGER <i>D. Benfrew</i>	RECORDER <i>CH</i>
STATION NAME <i>104</i>	NAV DATUM	LATITUDE <i>33.17665</i>	LONGITUDE <i>-117.34467</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0842</i>	TIME FINISHED (AT SITE) <i>0846</i>	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				
	NG MATERI	<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>Depth - 0.6'</i>								

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

FIELD MEASUREMENTS: surface pH *8.44* TEMPERATURE (°C) *18.02* CONDUCTIVITY (µS/cm) *3762-DO 10.97*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH _____	TEMP (°C) _____	CONDUCTIVITY (µS/cm) _____	DO <i>10.80</i>
bottom	pH _____	TEMP (°C) _____	CONDUCTIVITY (µS/cm) _____	DO _____

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
moderate carp activity - saw at least 3 carp 7-2' in length. No dead fish observed. bottled water test - 9.67 mg/L. DO membrane replaced

TEAM LEADER'S SIGNATURE _____

← Dup
4/17/07
looks good



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL</u>		DATE <u>4/8/07</u>	PROJECT MANAGER <u>D. Benfrew</u>	RECORDER <u>CH</u>
STATION NAME <u>108</u>		NAV DATUM	LATITUDE <u>33.17935</u>	LONGITUDE <u>-117.34200</u>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <u>0900</u>	TIME FINISHED (AT SITE) <u>0904</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			
	SUSPENDED MATERIAL <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			
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>Depth - 3.3' - Suds observed around aerator</u>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <u>8.30</u> TEMPERATURE (°C) <u>18.94</u> CONDUCTIVITY (µS/cm) <u>3783</u> DO <u>4.61</u>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <u>8.29</u> TEMP (°C) <u>18.94</u> CONDUCTIVITY (µS/cm) <u>3785</u> DO <u>4.20</u>				
bottom pH <u>8.27</u> TEMP (°C) <u>18.89</u> CONDUCTIVITY (µS/cm) <u>3792</u> DO <u>4.03</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <u>1 Cormorant observed en route to 108 108</u> <u>Bullfrog heard in thules</u>				
TEAM LEADER'S SIGNATURE _____				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage		DATE 4/8/07	PROJECT MANAGER Kentrew	RECORDER NW
STATION NAME 10A		NAV DATUM —	LATITUDE 33.16828	LONGITUDE -117.35600
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0630	TIME FINISHED (AT SITE) 0640	GRAB SAMPLE TIME —
FIELD TEAM N. Woodward, A. Martin				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Cloudy, cool, 0-1kts west.				
WATER QUALITY APPEARANCE	<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 <u> A </u>			
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	NG MATERI <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 checked="" type="checkbox"/> TURBIDITY <input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: bulking heard in thules lots of bird activity				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) —				
FIELD MEASUREMENTS: surface pH <u>7.88</u> TEMPERATURE (°C) <u>18.91</u> CONDUCTIVITY (µS/cm) <u>3213</u> DO <u>2.52.4</u> ^(M)				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <u>7.89</u> TEMP (°C) <u>18.93</u> CONDUCTIVITY (µS/cm) <u>3189</u> DO <u>2.56</u>				
bottom pH <u>7.88</u> TEMP (°C) <u>18.89</u> CONDUCTIVITY (µS/cm) <u>3179</u> DO <u>2.56</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) depth 4'±8" — buoy was snagged by fisherman, left on shore, dropped new one — WQ measurements w/ YSI 556				
TEAM LEADER'S SIGNATURE				

see back of data sheet

10A @ 0930

YSI 650 measurements

surface pH 8.17
temp 18.92°C
EC ~~3778~~ 3340 $\mu\text{S}/\text{cm}$
DO 3.25

middle pH 8.16
temp 18.87°C
EC 3330 $\mu\text{S}/\text{cm}$
DO 3.13 mg/L

bottom pH 8.22
temp 18.82°C
EC 3338 $\mu\text{S}/\text{cm}$
DO 2.97 mg/L



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/8/07	PROJECT MANAGER Renfrew	RECORDER NW
STATION NAME 10B	NAV DATUM —	LATITUDE 33.16730	LONGITUDE -117.35505
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0648	TIME FINISHED (AT SITE) 0655	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, A. Martin

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, 25kts west, 60°

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			
	NO. 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: normal lots of bird activity							

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

FIELD MEASUREMENTS: surface pH 8.11 TEMPERATURE (°C) 19.08°C CONDUCTIVITY (µS/cm) 3097 DO 3.86mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>8.10</u>	TEMP (°C) <u>19.11</u>	CONDUCTIVITY (µS/cm) <u>3097</u>	DO <u>3.92mg/L</u>
bottom	pH <u>8.09</u>	TEMP (°C) <u>19.10</u>	CONDUCTIVITY (µS/cm) <u>3097</u>	DO <u>3.93mg/L</u>

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 4"
WQ measurements w/ YSI 55b
WQ also done w/ YSI 6 series see back of data sheet

TEAM LEADER'S SIGNATURE

10 B @ 0938

YSI Measurements (68)

Surface

pH 8.36
temp 19.20
EC 3256
DO 5.45 mg/L

bottom
middle

pH 8.35
temp 19.19 °C
EC 3255 $\mu\text{S}/\text{cm}$
DO 5.41 mg/L

middle
bottom

pH 8.36
temp 19.19
EC 3255 $\mu\text{S}/\text{cm}$
DO 5.53 mg/L



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>PM Sewage</u>	DATE <u>4/18/07</u>	PROJECT MANAGER <u>Rebecca</u>	RECORDER <u>W</u>
STATION NAME <u>10 D</u>	NAV DATUM _____	LATITUDE <u>33.16898</u>	LONGITUDE <u>-117.35059</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>0705</u>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, A. Martin

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, 1-2kts West, 60°

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			
	FOATING 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 <u>none</u>

TURBIDITY HEAVY CLOUDINESS, OPAQUE CLOUDY SOME CLOUDINESS NONE

WATER QUALITY APPEARANCE COMMENTS:
slight sheen little fine particulates on surface little black insects (larvae?)

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

FIELD MEASUREMENTS: surface pH 8.03 TEMPERATURE (°C) 18.96 CONDUCTIVITY (µS/cm) 3110 DO 2.95 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>8.02</u>	TEMP (°C) <u>18.96</u>	CONDUCTIVITY (µS/cm) <u>3111</u>	DO <u>3.02</u> mg/L
bottom	pH <u>8.03</u>	TEMP (°C) <u>18.97</u>	CONDUCTIVITY (µS/cm) <u>3112</u>	DO <u>3.00</u> mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' 6" → WA measurements w/ YSI 55b → called Doman to verify DO readings WA also done w/ YSI 6 series. See back of datasheet

TEAM LEADER'S SIGNATURE [Signature]

10 D @

ysi measurements w/ YSI 650 rental

Surface

pH 8.27
temp 19.05°C
EC 3271 $\mu\text{S}/\text{cm}$
DO 4.71 mg/L

Middle

pH 8.26
temp 19.05°C
EC 3272 $\mu\text{S}/\text{cm}$
DO 4.18 mg/L

Bottom

pH 8.26
temp 19.05°C
EC 3273 $\mu\text{S}/\text{cm}$
DO 4.18 mg/L



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/6/07	PROJECT MANAGER Kennew	RECORDER NW
STATION NAME 10 E	NAV DATUM —	LATITUDE 33.17062	LONGITUDE -11735.166
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0715	TIME FINISHED (AT SITE) 0720	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, A. Martin

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, 60°, 1-3 kts west, drizzle?

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			
	NO. OF 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
	<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: fine particulates							

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

FIELD MEASUREMENTS: surface pH 8.19 TEMPERATURE (°C) 19.07 CONDUCTIVITY (µS/cm) 3205 DO 4.87 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.19	TEMP (°C) 19.09	CONDUCTIVITY (µS/cm) 3210	DO 4.81 mg/L
bottom	pH 8.17	TEMP (°C) 19.10	CONDUCTIVITY (µS/cm) 3210	DO 4.87 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 3' 11" WQ measurements by YSI 5510
WQ also done by YSI 6 series. See back of data sheet

TEAM LEADER'S SIGNATURE

10 E @ 0955

YSI measurements w/ 650

Surface pH 8.34
temp 19.07°C
EC 3351 $\mu\text{S/cm}$
DO 5.91 mg/L

Middle pH 8.34
temp 19.07°C
EC 3351 $\mu\text{S/cm}$
DO 5.90 mg/L

Bottom pH 8.34
temp 19.07°C
EC 3352 $\mu\text{S/cm}$
DO 5.90 mg/L



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/6/07</i>	PROJECT MANAGER <i>Penbrau</i>	RECORDER <i>NW</i>
STATION NAME <i>10 F</i>	NAV DATUM —	LATITUDE <i>33.17188</i>	LONGITUDE <i>-117.35278</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0725</i>	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
W. Woodward, A. Martin

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, 1-3 kts west, 66°

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 type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> COLORLESS			
	NO Floating 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 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>some bird droppings. Fine particulates on surface.</i>							

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) 18.45 CONDUCTIVITY (µS/cm) 3277 DO 3.48 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>7.97</u>	TEMP (°C) <u>18.47</u>	CONDUCTIVITY (µS/cm) <u>3282</u>	DO <u>3.74</u> mg/L
bottom	pH <u>7.96</u>	TEMP (°C) <u>18.47</u>	CONDUCTIVITY (µS/cm) <u>3281</u>	DO <u>3.61</u> mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth => 21" 5" — WA measurements w/YSI 556 — WA also done w/YSI 6 series. See back of data sheet

TEAM LEADER'S SIGNATURE *[Signature]*

10 F @ 1002

VSI Measurements 650

Surface

PH 8.19
temp 18.73 °C
EC 3381 μ S/cm
DO 5.05 mg/L

Middle

PH 8.18
temp 18.73 °C
EC 3385 μ S/cm
DO 5.09 mg/L

Bottom

PH 8.18
temp 18.73 °C
EC 3386 μ S/cm
DO 5.13 mg/L



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/8/07	PROJECT MANAGER Kentrav	RECORDER NW
STATION NAME 106	NAV DATUM —	LATITUDE 33.17335	LONGITUDE -117.35072
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0735	TIME FINISHED (AT SITE) 0740	GRAB SAMPLE TIME —

FIELD TEAM
N. Woodward, A. Martin

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
cloudy, 60°, 1-3kts 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 type="checkbox"/> BROWN	<input type="checkbox"/> BLACK	<input checked="" type="checkbox"/> OTHER
		<input type="checkbox"/> GRAY	<input type="checkbox"/> WHITE	<input type="checkbox"/> COLORLESS			
	NO. OF 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
	<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 bubbles on surface.							

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

FIELD MEASUREMENTS: surface pH 7.95 TEMPERATURE (°C) 18.54 CONDUCTIVITY (µS/cm) 3324 DO 2.83 mg/L

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 7.87	TEMP (°C) 18.48	CONDUCTIVITY (µS/cm) 3333	DO 2.74 mg/L
bottom	pH 7.92	TEMP (°C) 18.53	CONDUCTIVITY (µS/cm) 3327	DO 2.63 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2' coll - WQ measurements w/ YSI 556
WQ also YSI 6 series done.
See back of data sheets

TEAM LEADER'S SIGNATURE

YSI Measurements 680
1069 @ 1010

Surface
pH 8.20
temp 18.56 °C
EC 3438 $\mu\text{S}/\text{cm}$
DO 4.06 mg/L

Middle
pH 8.17
temp 18.56 °C
EC 3437 $\mu\text{S}/\text{cm}$
DO 4.08 mg/L

bottom
pH 8.19
temp 18.56 °C
EC 3439 $\mu\text{S}/\text{cm}$
DO 4.08 mg/L



Feathers

WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/8/07	PROJECT MANAGER Restrow	RECORDER MW
STATION NAME	NAV DATUM	LATITUDE 33.17309	LONGITUDE -117.35001
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0805	TIME FINISHED (AT SITE)	GRAB SAMPLE TIME

FIELD TEAM
N. Woodward, Andy Martin

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
Cloudy, 1-3kts, 60°

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			
	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 _____ TEMPERATURE (°C) _____ CONDUCTIVITY (µS/cm) _____ DO _____

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)
- noticed some black feathers in trunks
- poked around w/ net to check it out
- didnt see much but feathers.
- took photos, GPS

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Renshaw</i>	RECORDER <i>SC</i>
STATION NAME <i>109</i>		NAV DATUM	LATITUDE <i>33.17915</i>	LONGITUDE <i>117.34096</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1250</i>	TIME FINISHED (AT SITE) <i>1255</i>	GRAB SAMPLE TIME
FIELD TEAM <i>TW/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>1-3 hrs west, low clouds</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 checked="" type="checkbox"/> OTHER <i>light sewage</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			
	NG MATERI <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 <i>bubbles from aerator near Jefferson bridge</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>No noticeable fish activity</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.31</i> TEMPERATURE (°C) <i>19.40</i> CONDUCTIVITY (µS/cm) <i>3,840 µS/cm</i> DO <i>6.99 mg/L</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <i>8.35</i> TEMP (°C) <i>19.35</i> CONDUCTIVITY (µS/cm) <i>3838 µS/cm</i> DO <i>6.46</i>				
bottom pH <i>8.36</i> TEMP (°C) <i>19.35</i> CONDUCTIVITY (µS/cm) <i>3841 µS/cm</i> DO <i>6.47 mg/L</i>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth 4.7</i> <i>no fish</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				

bubbles from aerator ~30ft away

top

mid

bottom



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>		DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Renfrew</i>	RECORDER <i>SC</i>
STATION NAME <i>108</i>		NAV DATUM	LATITUDE <i>33.17934</i>	LONGITUDE <i>117.34193</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1300</i>	TIME FINISHED (AT SITE) <i>1305</i>	GRAB SAMPLE TIME
FIELD TEAM <i>TW/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>1-3 knots west, low cloud</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 <i>little sewage</i> <input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE <i>marshy</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			
	NG MATERI <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>little suds from aerators</i> <i>bubbles from same source right next to site</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>No noticeable fish activity</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.33</i> TEMPERATURE (°C) <i>19.38</i> CONDUCTIVITY (µS/cm) <i>3849 µS/cm</i> DO <i>6.84 mg/L</i> <i>top</i>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <i>8.39</i> TEMP (°C) <i>19.34</i> CONDUCTIVITY (µS/cm) <i>3880 µS/cm</i> DO <i>6.90 mg/L</i> <i>mid</i>				
bottom pH <i>8.45</i> TEMP (°C) <i>19.32</i> CONDUCTIVITY (µS/cm) <i>3879 µS/cm</i> DO <i>6.82 mg/L</i> <i>bottom</i>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth 3.0</i> <i>No dead fish</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Searge</i>		DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dan Reinher</i>	RECORDER <i>SL</i>
STATION NAME <i>107</i>		NAV DATUM	LATITUDE <i>33.17894</i>	LONGITUDE <i>117.34144</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1310</i>	TIME FINISHED (AT SITE) <i>1315</i>	GRAB SAMPLE TIME
FIELD TEAM <i>TL/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>1-3 km's west, low clouds</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 <i>marshy</i>			
	<input type="checkbox"/> SOAP <input type="checkbox"/> CHLORINE <input type="checkbox"/> NONE <i>little sewage</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			
	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>bubbles (moderate)</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>marshy area, rising gas bubbles</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.33</i> TEMPERATURE (°C) <i>19.47</i> CONDUCTIVITY (µS/cm) <i>3846</i> DO <i>7.03</i> mg/L				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <i>8.25</i> TEMP (°C) <i>19.35</i> CONDUCTIVITY (µS/cm) <i>3839</i> DO <i>6.07</i> mg/L				
bottom pH <i>8.25</i> TEMP (°C) <i>19.31</i> CONDUCTIVITY (µS/cm) <i>3837</i> DO <i>5.76</i> mg/L				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <i>depth: 5.5</i> <i>No dead fish</i> <i>minor bird activity</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				

right next to bag

bubbles (moderate)

top

mid

bottom



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sauge</i>	DATE <i>4/18/07</i>	PROJECT MANAGER <i>Dave Penzance</i>	RECORDER <i>SC</i>
STATION NAME <i>106</i>	NAV DATUM	LATITUDE <i>33.17821</i>	LONGITUDE <i>117.34182</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1320</i>	TIME FINISHED (AT SITE) <i>1330</i>	GRAB SAMPLE TIME

FIELD TEAM
TR/SC

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
1-3 knots west, low clouds

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 <i>high sewage marshy</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			
	WATER QUALITY APPEARANCE COMMENTS:	<i>No noticeable fish activity algae and suds next to generator table</i>					

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

FIELD MEASUREMENTS: surface pH *8.71* TEMPERATURE (°C) *19.91* CONDUCTIVITY (µS/cm) *3982* DO *15.08 mg/L* (right next to acerator) top

FIELD MEASUREMENTS CONTINUED (IF DEPTH >2 FT)

middle	pH <i>8.72</i>	TEMP (°C) <i>19.79</i>	CONDUCTIVITY (µS/cm) <i>3979</i> µS/cm	DO <i>14.40</i> mg/L	mid
bottom	pH <i>8.71</i>	TEMP (°C) <i>19.74</i>	CONDUCTIVITY (µS/cm) <i>3966</i> µS/cm	DO <i>14.14</i> mg/L	bottom

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
depth 2.6 ft
no dead fish
shaken bottle test 9.7

TEAM LEADER'S SIGNATURE *Dave Penzance*

100% humidity air saturation cup test, coughly getting 9.00



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>6th Sarge</i>		DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Reafter</i>	RECORDER <i>SC</i>
STATION NAME <i>105</i>		NAV DATUM	LATITUDE <i>33.17733</i>	LONGITUDE <i>117.34531</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1339</i>	TIME FINISHED (AT SITE) <i>1345</i>	GRAB SAMPLE TIME
FIELD TEAM <i>tw/sc</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>2-5 knots west, low clouds, partly sunny</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 checked="" type="checkbox"/> OTHER <i>marshy organic</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			
	NG MATERI <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>few gas bubbles on surface</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>mixed algae floating</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>None</i>				
FIELD MEASUREMENTS: surface pH <i>8.66</i> TEMPERATURE (°C) <i>19.65</i> CONDUCTIVITY (µS/cm) <i>3950</i> ^{16.69} DO <i>19.39</i> _{mg/L} <i>for clarity</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>depth 11 inches</i> <i>moderate bird activity</i> <i>moderate fish activity</i> <i>No dead fish</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				

re calibrated D.O.



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sarge</i>	DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Reuther</i>	RECORDER <i>SL</i>
STATION NAME <i>103</i>	NAV DATUM	LATITUDE <i>33.17628</i>	LONGITUDE <i>117.34811</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1400</i>	TIME FINISHED (AT SITE) <i>1405</i>	GRAB SAMPLE TIME

FIELD TEAM
DLW/SL

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
1-4 knots west, low clouds

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 <i>marshy</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			
	NG MATERI	<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>lake matted 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>lake matted algae</i>							

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

FIELD MEASUREMENTS: surface pH *9.39* TEMPERATURE (°C) *22.42* CONDUCTIVITY (µS/cm) *4592* ^{µS/cm} DO *16.43* _{mg/L} *19*

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 7 meters
3-5 Green Egrets feeding
Violet Green and Barn Swallows feeding
no dead fish

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>PM Sange</i>		DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Penfor</i>	RECORDER <i>SC</i>
STATION NAME <i>102</i>		NAV DATUM	LATITUDE <i>33.17524</i>	LONGITUDE <i>117.34807</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1409</i>	TIME FINISHED (AT SITE) <i>1415</i>	GRAB SAMPLE TIME
FIELD TEAM <i>TW/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>low clouds, not much wind</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 <i>rushy</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 checked="" type="checkbox"/> OTHER <i>like noted above</i>			
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS			
	NG MATERI <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>like noted above</i>			
TURBIDI <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>not as turbid may be due to low</i>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION) <i>Normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.70</i> TEMPERATURE (°C) <i>22.30</i> CONDUCTIVITY (µS/cm) <i>4526</i> ^{µS/cm} DO <i>6.79</i> 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) <i>depth 6 inches</i> <i>low wind conditions may be accountable for lower D.O. the previous site visited</i> <i>Water Green and Brown Snail on feeding</i>				
TEAM LEADER'S SIGNATURE <i>[Signature]</i>				

Moderate fish activity

No dead fish



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVI Sauge</i>		DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Ransford</i>	RECORDER <i>SL</i>
STATION NAME <i>101</i>		NAV DATUM	LATITUDE <i>33.17525</i>	LONGITUDE <i>117.34714</i>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <i>1420</i>	TIME FINISHED (AT SITE) <i>1425</i>	GRAB SAMPLE TIME
FIELD TEAM <i>TW/SC</i>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <i>1-3 hrs west, low clouds, partly sunny</i>				
WATER QUALITY APPEARANCE	<input checked="" type="checkbox"/> ^{late} HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input type="checkbox"/> SEWAGE <input type="checkbox"/> AMMONIA <input type="checkbox"/> GASOLINE <input type="checkbox"/> OTHER <i>marshy</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			
	FLOTTING 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>moderate mat of algae floating</i>			
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) <i>Normal</i>				
FIELD MEASUREMENTS: surface pH <i>8.77</i> TEMPERATURE (°C) <i>22.02</i> CONDUCTIVITY (µS/cm) <i>4817</i> ^{DSM} DO <i>13.55</i> 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) <i>depth 5 inches</i> <i>moderate fish activity</i> <i>Water Greens and Green Swallows feeding</i> <i>No dead fish</i>				
TEAM LEADER'S SIGNATURE _____				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Senegal</i>	DATE <i>4/8/07</i>	PROJECT MANAGER <i>Dave Reardon</i>	RECORDER <i>SC</i>
STATION NAME <i>104</i>	NAV DATUM	LATITUDE <i>33.17664</i>	LONGITUDE <i>117.34462</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1435</i>	TIME FINISHED (AT SITE) <i>1440</i>	GRAB SAMPLE TIME
FIELD TEAM <i>TW/SC</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
2-4 knots, low clouds, partly sunny

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 checked="" type="checkbox"/> OTHER <i>marshy</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				
	NG MATERI	<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>heavily matted 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>heavily matted algae</i>								

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

FIELD MEASUREMENTS: surface pH *9.21* TEMPERATURE (°C) *22.05* CONDUCTIVITY (µS/cm) *4350* ^{p.S/cm} DO *16.41*

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 6 inches
moderate fish activity
White, Greens and Brown Swallows feeding
no dead fish

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BvL</u>	DATE <u>4/8/07</u>	PROJECT MANAGER <u>D. Kenfrew</u>	RECORDER <u>CH</u>
STATION NAME <u>107</u>	NAV DATUM	LATITUDE <u>33.16896</u>	LONGITUDE <u>-117.35058</u>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <u>1310</u>	TIME FINISHED (AT SITE) <u>1315</u>	GRAB SAMPLE TIME

FIELD TEAM
Jennifer Schollée (Cathy Hartman)

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
mostly cloudy, 0-5 knots, 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			
	NG MATERI	<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:
Depth - 2' 8"

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

FIELD MEASUREMENTS: surface pH 7.33 TEMPERATURE (°C) 19.93 CONDUCTIVITY (µS/cm) 3153 DO 7.42

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH <u>8.34</u>	TEMP (°C) <u>19.85</u>	CONDUCTIVITY (µS/cm) <u>3156</u>	DO <u>7.44</u>
bottom	pH <u>8.32</u>	TEMP (°C) <u>19.74</u>	CONDUCTIVITY (µS/cm) <u>3157</u>	DO <u>7.33</u>

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

No dead fish observed
No PICs

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/8/07	PROJECT MANAGER D. Lenfrew		RECORDER CH
STATION NAME 10E		NAV DATUM	LATITUDE 33.17068	LONGITUDE -117.35167	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1322	TIME FINISHED (AT SITE) 1325	GRAB SAMPLE TIME	
FIELD TEAM Jennifer Schollee / Cathy Hoffman					
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) mostly cloudy, 70-80, mid 60s					
WATER QUALITY APPEARANCE	<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				
	NG MATERI <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 bubbles				
	<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: Depth - 3' 1"				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)					
FIELD MEASUREMENTS: surface pH 8.33 TEMPERATURE (°C) 19.79 CONDUCTIVITY (µS/cm) 3165 DO 8.04					
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)					
middle		pH 8.30	TEMP (°C) 19.68	CONDUCTIVITY (µS/cm) 3165	DO 7.56
bottom		pH 8.30	TEMP (°C) 19.68	CONDUCTIVITY (µS/cm) 3165	DO 7.56
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) sunny and wind has picked up no pics no dead fish					
TEAM LEADER'S SIGNATURE _____					



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME PVL		DATE 4/8/07		PROJECT MANAGER D. Kenfrew		RECORDER CH	
STATION NAME 10F		NAV DATUM		LATITUDE 53.17189		LONGITUDE -117.35270	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1332		TIME FINISHED (AT SITE) 1336		GRAB SAMPLE TIME	
FIELD TEAM Dinks Scholten / Cathy Hartman							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) mostly cloudy, 0-5, mid-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						
	TSS <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"/> 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: Depth - 2' 8"						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS: surface pH <u>8.29</u> TEMPERATURE (°C) <u>19.74</u> CONDUCTIVITY (µS/cm) <u>3219</u> DO <u>8.85</u>							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
middle pH <u>8.31</u> TEMP (°C) <u>19.74</u> CONDUCTIVITY (µS/cm) <u>3223</u> DO <u>8.25</u>							
bottom pH <u>8.32</u> TEMP (°C) <u>19.74</u> CONDUCTIVITY (µS/cm) <u>3223</u> DO <u>8.97</u>							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)							
saw little eucote to 10F lots of swallows no dead fish / no pills							
TEAM LEADER'S SIGNATURE _____							



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/8/07		PROJECT MANAGER D. Renfrew		RECORDER CH	
STATION NAME 106		NAV DATUM		LATITUDE 33.17336		LONGITUDE -117.35073	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1340		TIME FINISHED (AT SITE) 1348		GRAB SAMPLE TIME	
FIELD TEAM Jennifer Schollé / Cathy Hartman							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)							
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						
	NG MATERI <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						
	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: depth - 2' 1"						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS: surface pH 8.15 TEMPERATURE (°C) 19.83 CONDUCTIVITY (µS/cm) 3350 DO 7.13							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
middle pH 8.11 TEMP (°C) 19.76 CONDUCTIVITY (µS/cm) 3355 DO 6.93 bottom pH 8.11 TEMP (°C) 19.78 CONDUCTIVITY (µS/cm) 3355 DO 6.87							
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)							
no dead fish no pics 1 live fish observed en route							
TEAM LEADER'S SIGNATURE _____							



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 7/8/07	PROJECT MANAGER D. Kenfred		RECORDER CH
STATION NAME 10B		NAV DATUM	LATITUDE 33.16785	LONGITUDE -117.35433	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1408	TIME FINISHED (AT SITE) 1419	GRAB SAMPLE TIME	
FIELD TEAM Denise Scholte / Cathy Hashman					
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) mostly to partly cloudy, 0-5, mid 60s					
WATER QUALITY APPEARANCE	<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 checked="" type="checkbox"/> OTHER <u>note (CH)</u>				
	<input type="checkbox"/> GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> COLORLESS				
	NG MATERI <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: <input checked="" type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE WATER QUALITY APPEARANCE COMMENTS: Depth 2' 6"					
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)					
FIELD MEASUREMENTS: surface pH <u>8.34</u> TEMPERATURE (°C) <u>20.20</u> CONDUCTIVITY (µS/cm) <u>3103</u> DO <u>7.78</u>					
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)					
middle pH <u>8.33</u> TEMP (°C) <u>20.01</u> CONDUCTIVITY (µS/cm) <u>3104</u> DO <u>7.33</u>					
bottom pH <u>8.32</u> TEMP (°C) <u>19.85</u> CONDUCTIVITY (µS/cm) <u>5100</u> DO <u>7.25</u>					
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) 2 pics attempted of mayfly swarms on east side of 1-5 bridge 1 pic of 2 hermit encampments under 1-5 bridge (2 separate camps)					
TEAM LEADER'S SIGNATURE					

Saw turtle just south of 10B. ~~found~~
~~says it wasn't a turtle but she is a hermit~~
 → dead fish, no pics of site



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL		DATE 4/8/07		PROJECT MANAGER D. Kenfre J		RECORDER CH	
STATION NAME 10A		NAV DATUM		LATITUDE 33.16821		LONGITUDE -117.35602	
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 1420		TIME FINISHED (AT SITE) 1425		GRAB SAMPLE TIME	
FIELD TEAM Jennifer "Schaller" Schaller / Cathy Hahn							
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) Partly cloudy, 0-5, mid 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 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 (DESCRIBE) <i>ballerush pollen</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: Depth - 3' 8"						
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)							
FIELD MEASUREMENTS: surface pH <u>8.13</u> TEMPERATURE (°C) <u>20.54</u> CONDUCTIVITY (µS/cm) <u>3104</u> DO <u>6.25</u>							
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)							
middle		pH <u>7.95</u>		TEMP (°C) <u>19.61</u>		CONDUCTIVITY (µS/cm) <u>3182</u> DO <u>4.01</u>	
bottom		pH <u>7.94</u>		TEMP (°C) <u>19.15</u>		CONDUCTIVITY (µS/cm) <u>3183</u> DO <u>2.59</u>	
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)							
no dead fish no fish 1 drosophila observed							
TEAM LEADER'S SIGNATURE _____							

YSI 600 XL



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE		DATE 4/9/07	PROJECT MANAGER D. RENNREW	RECORDER DM
STATION NAME 109		NAV DATUM	LATITUDE 33.17918	LONGITUDE 117.34084
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 0645	TIME FINISHED (AT SITE) 0655	GRAB SAMPLE TIME
FIELD TEAM D. MCCOY, D. OWEN - MERKEL ON-SITE OCCUPYING LAUNCH RAMP				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) OVERCAST, OCCASIONAL DRIZZLE NO WIND				
WATER QUALITY APPEARANCE	<input type="checkbox"/> HYDROGEN SULFIDE <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE ^{SMELL} <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 <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 type="checkbox"/> HEAVY CLOUDINESS, OPAQUE <input checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: DEPTH = 2.7' JEFFERSON AERATOR PUMPING LESS VOLUME THAN PREVIOUSLY				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH 8.32 TEMPERATURE (°C) 19.58 CONDUCTIVITY (µS/cm) 3953 ^{DM} 4.49				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH ^{DM} 7.5 8.31 TEMP (°C) 19.59 CONDUCTIVITY (µS/cm) 3953 DO 4.46				
bottom pH 8.34 TEMP (°C) 19.60 CONDUCTIVITY (µS/cm) 3954 DO ^{DM} 8.34 4.34				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) SOME DEAD BASS OBSERVED @ LAUNCH RAMP, GAS BUBBLES OBSERVED RISING FROM BOTTOM. NO LIVE FISH ACTIVITY OBSERVED @ SURFACE				
TEAM LEADER'S SIGNATURE <i>D. McCoy</i>				

←← bottom side than previous





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <u>BVL SEWAGE</u>		DATE <u>4/4/07</u>	PROJECT MANAGER <u>D. RENTREW</u>	RECORDER <u>DM</u>
STATION NAME <u>107</u>		NAV DATUM	LATITUDE <u>33.17894°</u>	LONGITUDE <u>117.34153°</u> <u>117.34142°</u>
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) <u>0700</u>	TIME FINISHED (AT SITE) <u>0710</u>	GRAB SAMPLE TIME
FIELD TEAM <u>D. MCCOY, D. OWEN</u>				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) <u>OVERCAST, LIGHT WIND (0.5 MPH)</u>				
WATER QUALITY APPEARANCE	ODOR <input checked="" type="checkbox"/> HYDROGEN SULFIDE ^{during} <input type="checkbox"/> MUSTY <input checked="" type="checkbox"/> SEWAGE ^{SLIGHT} <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			
	SUSPENDED MATERIAL <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			
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: <u>DEPTH = 5.2' 2 LIVE FISH OBSERVED @ SURFACE</u>				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH <u>8.32</u> TEMPERATURE (°C) <u>19.64</u> CONDUCTIVITY (µS/cm) <u>3952</u> DO <u>4.21 mg/L</u>				
FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)				
middle pH <u>8.32</u> TEMP (°C) <u>19.65</u> CONDUCTIVITY (µS/cm) <u>3954</u> DO <u>4.17 mg/L</u>				
bottom pH <u>8.46</u> TEMP (°C) <u>19.67</u> CONDUCTIVITY (µS/cm) <u>3957</u> DO <u>3.96 mg/L</u>				
SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY) <u>NO BIRD ACTIVITY. NO DEAD FISH OBSERVED</u>				
TEAM LEADER'S SIGNATURE <u>[Signature]</u>				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BUL SEWAGE</i>	DATE <i>4/9/07</i>	PROJECT MANAGER <i>D. RENDREW</i>	RECORDER <i>DM</i>
STATION NAME <i>106</i>	NAV DATUM	LATITUDE <i>33.17821°</i>	LONGITUDE <i>117.34180°</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0715</i>	TIME FINISHED (AT SITE) <i>0720</i>	GRAB SAMPLE TIME

FIELD TEAM
D. OWEN & D. McCLOY

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST, LIGHT WIND (0-5 MPH)

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			
	NG MATERI	<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"/> <i>MINOR</i> SUDS	<input type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)			<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE

WATER QUALITY APPEARANCE COMMENTS:
DEPTH = 2.1'

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) *19.17* CONDUCTIVITY (µS/cm) *4006* DO *8.62 mg/L*

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle pH *8.47* TEMP (°C) *19.17* CONDUCTIVITY (µS/cm) *4007* DO *8.56 mg/L*

bottom pH *8.59* TEMP (°C) *19.17* CONDUCTIVITY (µS/cm) *4007* DO *8.33 mg/L*

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

SITE LOCATION ~ 5' FROM AERATOR.
LIMITED BIRD ACTIVITY. NO DEAD FISH OBSERVED

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4/9/07	PROJECT MANAGER D. RENFREW	RECORDER DM
STATION NAME 105	NAV DATUM	LATITUDE 33.17731°	LONGITUDE 117.34834
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 7:27	TIME FINISHED (AT SITE) 7:35	GRAB SAMPLE TIME
FIELD TEAM D. MCGOY, D. OWEN			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST, LIGHT WIND (0-5 MPH)

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			
	NG 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 type="checkbox"/> OTHER
	<input type="checkbox"/> OBJECTS (DESCRIBE)	NONE					
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: 0.5' VISIBILITY							

EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)
DEPTH = 0.7'

FIELD MEASUREMENTS: surface pH **8.26** TEMPERATURE (°C) **18.65** CONDUCTIVITY (µS/cm) **4012** DO **8.80 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)
SOME BIRD ACTIVITY, NO FISH ACTIVITY OBSERVED. NO DEAD FISH OBSERVED

TEAM LEADER'S SIGNATURE **D. McGoy**





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4/9/07	PROJECT MANAGER D. RENFREW	RECORDER DM
STATION NAME 103	NAV DATUM	LATITUDE 33.17625°	LONGITUDE 117.34809°
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 7:57	TIME FINISHED (AT SITE) 8:05	GRAB SAMPLE TIME
FIELD TEAM D. OWEN, D. MCCOY			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST, LIGHT WIND (0-5 MPH)

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				
	NO 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 type="checkbox"/> OTHER	
	<input type="checkbox"/> OBJECTS (DESCRIBE)	NONE						
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: DEPTH = 0.4'								

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

FIELD MEASUREMENTS: surface pH **8.30** TEMPERATURE (°C) **17.79** CONDUCTIVITY (µS/cm) **4044** DO **3.82 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)

LOT OF BIRD ACTIVITY - BARN SWALLOWS, VIOLET-GREEN SWALLOWS FEEDING
NO FISH ACTIVITY OBSERVED. NO DEAD FISH OBSERVED

TEAM LEADER'S SIGNATURE



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE		DATE 4/9/07	PROJECT MANAGER D. RENFREW	RECORDER DM
STATION NAME 102		NAV DATUM	LATITUDE 33.17579°	LONGITUDE 117.34808°
SAMPLE IDENTIFICATION		TIME STARTED (AT SITE) 8:10	TIME FINISHED (AT SITE) 8:20	GRAB SAMPLE TIME
FIELD TEAM D. OWEN, D. MCGY				
METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) OVERCAST, WIND 5-10 MPH				
WATER QUALITY APPEARANCE	<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			
	NG MATERI <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 checked="" type="checkbox"/> CLOUDY <input type="checkbox"/> SOME CLOUDINESS <input type="checkbox"/> NONE WATER QUALITY APPEARANCE COMMENTS: DEPTH = 0.4' 0.2' VISIBILITY				
EROSION AND VEGETATION (DESCRIBE ANY VISUAL SIGNS OF SLIDE SLOPE EROSION AND/OR CHANGE IN VEGETATION CONDITION)				
FIELD MEASUREMENTS: surface pH 8.07 TEMPERATURE (°C) 17.78 CONDUCTIVITY (µS/cm) 4481 DO 6.79mg/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) MODERATE BIRD ACTIVITY, NO FISH OBSERVED; NO DEAD FISH OBSERVED				
TEAM LEADER'S SIGNATURE				



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BUL SEWAGE	DATE 4/9/07	PROJECT MANAGER D. RENFROW	RECORDER DM
STATION NAME 101	NAV DATUM	LATITUDE 33.17521°	LONGITUDE 117.34718°
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0822	TIME FINISHED (AT SITE) 0830	GRAB SAMPLE TIME
FIELD TEAM D. OWEN, D. McCOY			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST, LIGHT WIND (0-5MPH)

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				
	NG MATERI	<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 checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE			
WATER QUALITY APPEARANCE COMMENTS: DEPTH = 0.35' VISIBILITY = 0.1' SATURATED WATER TEST = 9.67 mg/L AIR TEST = 10.10 mg/L								

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

FIELD MEASUREMENTS: surface pH **8.47** TEMPERATURE (°C) **17.76** CONDUCTIVITY (µS/cm) **4188** DO **9.94 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)
MODERATE BIRD ACTIVITY; NO FISH ACTIVITY; NO DEAD FISH OBSERVED

TEAM LEADER'S SIGNATURE **D. McCoy**



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL LAGOON</i>	DATE <i>4/19/07</i>	PROJECT MANAGER <i>D. RENPREW</i>	RECORDER <i>DM</i>
STATION NAME <i>104</i>	NAV DATUM	LATITUDE <i>33.17664°</i>	LONGITUDE <i>117.34460°</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>0845</i>	TIME FINISHED (AT SITE) <i>0852</i>	GRAB SAMPLE TIME
FIELD TEAM <i>D. OWEN, D. MCCOY</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVERCAST, LIGHT WIND (0-5 MPH)

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				
	NG MATERI	<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>						
TURBIDI	<input type="checkbox"/> HEAVY CLOUDINESS, OPAQUE	<input checked="" type="checkbox"/> CLOUDY	<input type="checkbox"/> SOME CLOUDINESS	<input type="checkbox"/> NONE				
WATER QUALITY APPEARANCE COMMENTS: <i>DEPTH = 0.4' VISIBILITY = 0.1'</i>								

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

FIELD MEASUREMENTS: surface pH *8.57* TEMPERATURE (°C) *18.19* CONDUCTIVITY (µS/cm) *4225* DO *9.74 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)

LIMITED MODERATE BIRD ACTIVITY, 1 FISH OBSERVED NEAR SURFACE; NO DEAD FISH

TEAM LEADER'S SIGNATURE *D. McCoy*





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL SEWAGE	DATE 4/9/07	PROJECT MANAGER D. RENPREW	RECORDER DM
STATION NAME 108	NAV DATUM	LATITUDE 33.17936°	LONGITUDE 117.34196°
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 0900	TIME FINISHED (AT SITE) 0910	GRAB SAMPLE TIME
FIELD TEAM D. OWEN, D. McLOY			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
OVER CAST, LIGHT WIND (0-5MPH)

WATER QUALITY APPEARANCE	ODOR	<input type="checkbox"/> HYDROGEN SULFIDE	<input checked="" 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			
	NO MATERIAL	<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 <i>m m v 2</i>	<input type="checkbox"/> OTHER
	<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: DEPTH = 2.3' STATION LOCATED 15' FROM AERATOR HOSE 0.2' VISIBILITY							

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

FIELD MEASUREMENTS: surface pH **8.51** TEMPERATURE (°C) **19.61** CONDUCTIVITY (µS/cm) **3967** DO **4.97 mg/L**

FIELD MEASUREMENTS CONTINUED (IF DEPTH > 2 FT)

middle	pH 8.50	TEMP (°C) 19.58	CONDUCTIVITY (µS/cm) 3965	DO 5.08 mg/L
bottom	pH 8.46	TEMP (°C) 19.48	CONDUCTIVITY (µS/cm) 3992	DO 4.64 mg/L

SAMPLING ACTIVITIES (DESCRIBE ALL ACTIONS TAKEN AT EACH SITE VISIT AND PROVIDE ADDITIONAL COMMENTS AS NECESSARY)
2 DEAD BASS OBSERVED (collected); NO BIRD ACTIVITY, NO FISH ACTIVITY.

TEAM LEADER'S SIGNATURE *D. Owen*





WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/9/07	PROJECT MANAGER Dave Pentrews	RECORDER FC
STATION NAME 101	NAV DATUM	LATITUDE 33.175283	LONGITUDE -117.34718
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 1439	TIME FINISHED (AT SITE) 1442	GRAB SAMPLE TIME

FIELD TEAM
EG/JS

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.)
 west very few clouds, mostly sunny. slight breeze from the temp ≈ 70°F

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			
	NG MATERI	<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>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: surface pH 8.98 TEMPERATURE (°C) 26.13 CONDUCTIVITY (µS/cm) 4847 DO 21.34 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 = 3 in
 * 4 SI 556
 rowed to site, took depth and field measurement

TEAM LEADER'S SIGNATURE _____



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME BVL Sewage	DATE 4/9/07	PROJECT MANAGER Dave Rantrew	RECORDER EER
STATION NAME 102	NAV DATUM	LATITUDE 33.17575	LONGITUDE -117.34805
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) 16:16	TIME FINISHED (AT SITE) 16:18	GRAB SAMPLE TIME
FIELD TEAM EG/JS			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) sunny, no wind, ≈ 70°F

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			
	NG MATERI	<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:							

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

FIELD MEASUREMENTS: surface pH 9.31 TEMPERATURE (°C) 28.69 CONDUCTIVITY (µS/cm) 4142 DO 25.00

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 = 3 in
paddled to site, took field and depth measurements.
453556

TEAM LEADER'S SIGNATURE *[Signature]*



WATER QUALITY FIELD DATA LOG

PROJECT/SURVEY NAME <i>BVL Sewage</i>	DATE <i>4/9/07</i>	PROJECT MANAGER <i>Dave Rentrone</i>	RECORDER <i>EG</i>
STATION NAME <i>103</i>	NAV DATUM	LATITUDE <i>33.17620</i>	LONGITUDE <i>-117.34811</i>
SAMPLE IDENTIFICATION	TIME STARTED (AT SITE) <i>1624</i>	TIME FINISHED (AT SITE) <i>1626</i>	GRAB SAMPLE TIME
FIELD TEAM <i>EG/JSS</i>			

METEOROLOGICAL CHARACTERISTICS (DESCRIBE RAINFALL, WIND, TEMPERATURE, ETC.) *slight breeze from west, sunny with few clouds ≈ 70°F*

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			
	FOATING 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>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: surface pH *9.32* TEMPERATURE (°C) *27.84* CONDUCTIVITY (µS/cm) *4378* DO *24.50*

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 = 5 in
451556
rowed to site, took depth and field measurements.

TEAM LEADER'S SIGNATURE *[Signature]*