

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/30/18	
Time: 10:31 am	
Surveyors: (RK) AN	
Site Number: 2A	Quail Lake

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
2A A pic 1934/1935	cobble	gravel
2A B pic 1936/1937	cobble	gravel
2A C pic 1938/1939	cobble	gravel
2A D pic 1940/1941	cobble w/ reeds	gravel
2A E pic 1942/1943	cobble w/ reeds	gravel

Lymnaea sp.
Lymnaea sp.
Lymnaea sp.
Lymnaea sp.
(many)

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

SEE SITE 2a F-J
ON SEPARATE PAGE

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date:	7/30/2018	QUAL LAKE
Time:	10:30 am	
Surveyors:	HOOD, PITTS	
Site Number:	2a	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
2a-A		/
2a-B		
2a-C		
2a-D		
2a-E		

SEE SITE

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
2a-F	~10 FT	COARSE GRAVEL	—
2a-G	~12 FT	SAND	—
2a-H	~17 FT	GRAVEL COARSE	ORGANIC MATERIAL
2a-I	~15 FT	~ RIP RAP	ORGANIC MATERIAL
2a-J	~15 FT	~ RIP RAP	ORGANIC MATERIAL
Average Depth			

PEARLY MUSSELS (2)
 BANANA (1)
 SLUGS (10)
 LEECH (1)
 PEARLY MUSSEL (KIDNEY)
 (1) ASIAN CRAB
 UNK 10 POND
 SNAIL (1)

Water Quality	
Temperature:	26.2 °C
SpC:	0.439 mS/cm
DO	6.96 mg/L
pH	8.8
Depth	1.5 ft
Turbidity	6.4 NTU

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/30/2013	QUAIL LAKE
Time: 17:00	
Surveyors: RK NH	
Site Number: 2b	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
2b - A		
2b - B		
2b - C		
2b - D		
2b - E		

SEE SITE 2b A-E
ON SEPARATE PAGE

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
2b - F	-10ft	gravelly	sand
2b - G	-10ft	gravelly	sand
2b - H	-7ft	cobble	gravel
2b - I	-9ft	cobble	medium, coarse
2b - J	-12ft	bedrock, small	cobble
Average Depth	-10ft		

Water Quality	
Temperature:	26.23 °C
SpC:	0.446 mS/cm
DO	7.52 mg/L
pH	8.01
Depth	2.2 ft
Turbidity	0.4 NTU

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/30/2018	QUAIL LAKE
Time: 11:54 - 12:47	
Surveyors: Art, SP	Cumer, Ringo
Site Number: 26	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
26-A pic 1824/1825	SAND	COARSE GRAVEL
26-B pic 1826/1827	SAND	ORGANIC MATERIAL
26-C pic 1828/1829	SAND	COARSE GRAVEL
26-D pic 1830/1831	SAND	ORGANIC MATERIAL
26-E pic 1832/1833	SAND	ORGANIC MATERIAL

BALWATA (1)
 ASIAGI CLAM (2)
 (CORFILL BOB)
 UNK 10 PADO UNAL (1)
 CORFILL 002 (1)
 BALWATA (1)
 CORFILL 003 (2)
 —
 UNK 10 PADO UNAL
 BALWATA (4)
 CORFILL 004 (2)

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

SEE SITE 26 F-J
 ON SEPARATE PAGE

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

SEE WQ DATA
 ON SEPARATE PAGE

Non-native Invasive Invertebrate Form

Date	Surveyors (circle recorder)	General Site Description			
7/31/18	NH, (PK)	QUAY			
Site Number	Shoreline or Offshore	Substrate Type ¹		Bedrock (smooth or rough); boulder (large or small); cobble; gravel (coarse or fine); sand, fines, hardpan, wood; concrete/asphalt; Other (see Description below); or unknown. See below for size class descriptions.	
		Dominant	Sub-Dom		
26	OFFSHORE				
Camera ID	GPS ID				
NNII Code ² & Occ. No.	# of Individ	Life Stage	UTMs	Photo#	Description:
CORFLU100	10	A		ipd	@ 2B#, bldht of clam, reveal line
CORFLU101	6	A		ind	@ 2B, ~6 clam, reveal line
CORFLU102	2	dead		ind	@ 2Bh, 2 shells, empty
CORFLU103	2	dead		ipd	@ 2Bi, 2 dead clam

QA/QC	Intials:	Date:				
¹ Source: SWAMP	Size	Size Class	Common Size Reference	Size	Size Class	Common Size Reference
Stream Habitat	>4m	Bedrock, smooth	larger than a car	2 - 16 mm	gravel, fine	ladybug to marble
Characterization	>4m	Bedrock, rough	larger than a car	0.06 - 2 mm	sand	gritty to ladybug
Form	1-4 m	Boulder, large	metestick to car	<0.06 mm	hardpan, (consolidated fines)	
	25 cm - 1.0 m	Boulder, small	basketball to metestick	NA	wood	
	64 - 250 mm	Cobble	tennis ball to basketball	NA	concrete/asphalt	
	16 - 64 mm	gravel, coarse	marble to tennis ball	NA	other	

² RADAUR = Radix auricularia = European ear snail; CORFLU = Corbicula fluminea = Asian clam; DREROS = Dressina rostriformis bugensis = Quagga mussel; DREPOL = D. polymorpha = Zebra mussel; POT ANT = Potamopyrgus antipodarum = NZ mudsnail; POMCAN = Pomeacea canaliculata = channeled apple snail; PROCLA = Procambarus clarkii = red swamp crayfish

Non-native Invasive Invertebrate Form

Date	Surveyors (circle recorder)	General Site Description			
7/31/16	Nash Hand (RIC)	Pyramid Lake			
Site Number	Shoreline or Offshore	Substrate Type ¹		Bedrock (smooth or rough); boulder (large or small); cobble; gravel (coarse or fine); sand, fines, hardpan, wood, concrete/asphalt; Other (see Description below); or unknown. See below for size class descriptions.	
		Dominant	Sub-Dom		
Camera ID	GPS ID				
NNII Code ² & Occ. No.	# of Individ	Life Stage	UTMs	Photo#	Description:
CORFLU 104	15	Adit dad		-	@4f on Pyramid, in muck @ bottom
CORFLU 105	8	Adit dad		vide 9:21am	@4g on Pyramid in muck @ bottom
CORFLU 106	6	Adit-4 dad-2		-	@4i on Pyramid in muck @ bottom
CORFLU 107	15	Adit-2 dad-12		-	@4j on Pyramid Lake in muck @ bottom
CORFLU 011	2	dad-2		reference 2664	@5b on Pyramid Lake on shoreline, 2dad shell
CORFLU 010	4	dad-4		-	@4d on Pyramid Lake
CORFLU 012	1	dad-1		-	@5d on Pyramid Lake on shoreline
CORFLU 108	1	dad-1		-	@9h on Pyramid Lake in muck @ bottom
CORFLU 109	1	dad		-	@10g on Pyramid Lake in muck @ bottom

QA/QC Initials: _____ Date: _____

1 Source: SWAMP	Size	Size Class	Common Size Reference	Size	Size Class	Common Size Reference
Stream Habitat	>4m	Bedrock, smooth	larger than a car	2 - 16 mm	gravel, fine	ladybug to marble
Characterization	>4m	Bedrock, rough	larger than a car	0.06 - 2 mm	sand	gritty to ladybug
Form	1-4 m	Boulder, large	meter, stick to car	≤0.06 mm	hardpan (consolidated fines)	
	25 cm - 1.0 m	Boulder, small	basketball to meter stick	NA	wood	
	64 - 250 mm	Cobble	tennis ball to basketball	NA	concrete/asphalt	
	18 - 64 mm	gravel, coarse	marble to tennis ball	NA	other	

² RADAUR = Radix auricularia = European ear snail; CORFLU = Corbicula fluminea = Asian clam; DREROS = Dressina rostriformis bugensis = Quagga mussel; DREPOL = D. polymorpha = Zebra mussel; POT ANT = Potamopyrgus antipodarum = NZ mudsnail; POMCAN = Pomacea canaliculata = channeled apple snail; PROCLA = Procambarus clarkii = red swamp crayfish

Non-native Invasive Invertebrate Form

Date	Surveyors (circle recorder)		General Site Description		
8/11/19	(RK) AN		Pyramid Lake		
Site Number	Shoreline or Offshore		Substrate Type ¹		Bedrock (smooth or rough); boulder (large or small); cobble; gravel (coarse or fine); sand, fines, hardpan, wood; concrete/asphalt; Other (see Description below); or unknown. See below for size class descriptions.
			Dominant	Sub-Dom	
Camera ID	GPS ID				
NII Code ² & Occ. No.	# of Individ	Life Stage	UTMs	Photo#	Description:
CORFLU0014	1	dead		2713	@ 36 on shore, other live specimen nearby
CORFLU0015	1	dead		2716	@ 30 on shore, a few shells scattered along shore

QA/QC	Initials:	Date:				
1 Source: SWAMP	Size	Size Class	Common Size Reference	Size	Size Class	Common Size Reference
Stream Habitat	>4m	Bedrock, smooth	larger than a car	2 - 16 mm	gravel, fine	ladybug to marble
Characterization	>4m	Bedrock, rough	larger than a car	0.06 - 2 mm	sand	gritty to ladybug
Form	1-4 m	Boulder, large	meter stick to car	< 0.06 mm	hardpan (consolidated fines)	
	25 cm - 1.0 m	Boulder, small	basketball to meter stick	NA	wood	
	64 - 250 mm	Cobble	tennis ball to basketball	NA	concrete/asphalt	
	16-64 mm	gravel, coarse	marble to tennis ball	NA	other	

² RADAUR = Radix auricularia = European ear snail; CORFLU = Corbicula fluminea = Asian clam; DREROS = Dressina rostriformis bugensis = Quagga mussel; DREPOL = D. polymorpha = Zebra mussel; POT ANT = Potamopyrgus antipodarum = NZ mudsnail; POMCAN = Pomacea canaliculata = channeled apple snail; PROCLA = Procambarus clarkii = red swamp crayfish

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/31/2018	PYRAMID
Time: 9:01 AM	
Surveyors: AN, (SP)	
Site Number: 4 C PYRAMID LAKE	

Shoreline Points	Photo #	Dominant Substrate Type	Subdominate Substrate Type	Found
4A	155 - 2659	BEDROCK - SHALE	N/A	N/A
4B	155 - 2657	COARSE GRAVEL (SHALE)	SILTY MUD	BIVALVATA = 1 DEAD UNKID POTTS SNAIL = DEAD
4C	155 - 2656	COARSE GRAVEL (SHALE)	SAND	UNK ID POTTS SNAIL = LIVE
4D	155 - 2655	COARSE GRAVEL (SHALE)	SAND	CORFILL = 1 DEAD UNK ID POTTS SNAIL = LIVE
4E	155 - 2653	BEDROCK - SHALE	N/A	BIVALVATA = 1 DEAD UNK ID POTTS SNAIL = LIVE

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/31/19	Pyramid Lake
Time: 8:03	
Surveyors: RK NB	
Site Number: 4	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
4f	23.5ft	silt	—
4g	21 ft	silt	coarse gravel
4h	15 ft	plut	—
4i	15ft	silt	—
4j	17.5ft	silt	—
Average Depth			

velvete
 pond snail
 some clon
 pond snail
 pond snail
 velvete sp.
 pond snail
 pond snail leech
 velvete sp.

Water Quality	
Temperature:	26.3°C
SpC:	.458 mscm
DO	9.15 mg/l
pH	9.55
Depth	1.9ft
Turbidity	6.2

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/31/18	Pyramid Lake
Time: 9:12am	
Surveyors: PK AN	
Site Number: 5	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
5a pic 2662/2663	gravel coarse	gravel fine
5b pic 2665/2666	gravel coarse	gravel fine
5c pic 2667/2668	gravel coarse	gravel fine
5d pic	gravel coarse	gravel fine
5e pic Sketch-in 2		

pond snail
 Valvata sp.
 pond snail (frag. core)
 Valvata sp.
 pond
 Valvata (core)

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/31/2018	
Time: 0900	
Surveyors: NH (SP)	
Site Number: 5 @ PICAMIO LAKE	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
5A		
5B		
5C		
5D		
5E 9:33	* SAME AS 5J	

Offshore Points	IPAD PHOTO	Depth (FT)	Dominant Substrate Type	Subdominate Substrate Type
5F		11.5	AQUATIC VEG (ALGAE)	N/A
5G	9:15	17.5	COARSE GRAVEL (SHALE)	N/A
5H	9:16	13.8	AQUATIC VEG	COARSE GRAVEL
5I	9:23	11.0	FINE SANDY SILT	AQUATIC VEG
5J	9:33	TOO SHALLOW?	COARSE GRAVEL (SHALE)	N/A
Average Depth				

UNK 10 POND SNAIL
 LEPIDOTES ~7
 POND SNAIL : = 2
 LIVE
 VALVATA = 1
 UNK 10 POND SNAIL
 UNK POND SNAIL
 20+50 = 70 LIVE
 VALVATA 20
 POND SNAIL = 1

Water Quality	
Temperature:	26.59 °C
SpC:	0.467 mS/cm
DO	9.06 mg/L
pH	9.66
Depth	2.1 FT
Turbidity	6.60 NTU

Non-native Invasive Invertebrate Form (Page 2)

Date: 1/31/2018	
Time:	
Surveyors: AH, (SP)	
Site Number: 9 PYRAMID	

Shoreline Points	Photo ID	Dominant Substrate Type	Subdominate Substrate Type
9A	156-2670	COARSE GRAVEL	FINE GRAVEL (SHALE)
B	2671	FINE GRAVEL	COARSE GRAVEL
C	2672	FINE GRAVEL	COARSE GRAVEL
D	2673	FINE GRAVEL	COARSE GRAVEL
E/J		[ROBIN + NICK'S CHECK]	

PHOTO SNAIL = 1 DEAD
VALVATA = 1 DEAD

PHOTO SNAIL = 1 DEAD
VALVATA = 1 DEAD

PHOTO SNAIL = 1 DEAD
VALVATA = 1 DEAD

PHOTO SNAIL DEFS
 = 4

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date:	7/31/18	Pyramid Lake
Time:	10:40 am	
Surveyors:	NH RK	
Site Number:	9	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
9e per -	silt (in rebs)	fm

Velvete sp
prod snail

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
9f per 7.5 ft 10:53 am	5 ft	silt	fm
9g per 5 ft 10:53 am	12.5 ft	silt	fm
9h per 7.5 ft 10:53 am	10.5 ft	silt	fm
9i per 5 ft 10:53 am	5.5 ft	plct	silt
9j per 7.5 ft 10:53 am	8.5 ft	silt	fm
Average Depth			

7/31/18

prod snail
Velvete sp
prod snail
Velvete sp
prod snail
Velvete sp
prod snail
Velvete sp
prod snail
Velvete sp

Water Quality	
Temperature:	27.05 °C
SpC:	0.458 mg/cm
DO	10.79
pH	9.77
Depth	3 ft
Turbidity	11.2 NTU

Non-native Invasive Invertebrate Form (Page 2)

Date: 7/31/2013	
Time: 11:47 AM	
Surveyors: AN/SP	
Site Number: 10 - PYRAMID	

Shoreline Points	Plot ID	Dominant Substrate Type	Subdominate Substrate Type
10 A	2674	SAND	COARSE GRAVEL
B	2675	SAND	COARSE GRAVEL
C	2676	SAND	COARSE GRAVEL
D	2677	SAND	COARSE GRAVEL
E	2678	FINE GRAVEL	COARSE GRAVEL

VALVATA = 5 DEATH
 POMO SNAIL = 2 DEATH
 CORFLL 012 = 1 DEATH
 POMO SNAIL = 3 DEATH
 N/A
 CORFLL 013
 POMO SNAIL = 6
 VALVATA: 1 DEATH

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
F			
G			
H			
I			
J			
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date:	9/31/18	Pyrene? bed
Time:	11:39a	
Surveyors:	(RK) N10	
Site Number:	10	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
e		

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
10f pc 11:42a i pd	9.7 ft	silt	coarse gravel
10g pc 11:43a i pd	10.6 ft	silt	coarse gravel
10h pc 11:45a i pd	12.4 ft	silt	coarse gravel
10i pc 11:53a i pd	9.5 ft	silt (+ plant)	coarse gravel
10j pc 12:02p i pd	14 ft	coarse gravel	silt
Average Depth			

ped shell
 Velutina
 ped shell
 velutina sp. **COE PLI**
 ped shell
 Velutina sp.
 ped shell
 Velutina sp.
 ped shell
 velutina sp.

Water Quality @ 10h	
Temperature:	26.9 °C
SpC:	465
DO	10.92
pH	9.88
Depth	3ft
Turbidity	7.7 NTU

Non-native Invasive Invertebrate Form

Date	Surveyors (circle recorder)	General Site Description			
8/1/2013	NH, (SP) AN	PYRAMID LAKE			
Site Number	Shoreline or Offshore	Substrate Type ¹		Bedrock (smooth or rough); boulder (large or small); cobble, gravel (coarse or fine); sand, fines, hardpan, wood; concrete/asphalt; Other (see Description below); or unknown. See below for size class descriptions.	
		Dominant	Sub-Dom		
Camera ID		GPS ID			
NNII Code ² & Occ. No.	# of Individ	Life Stage	UTMs	Photo#	Description:
CORFLU 110	5	5 DEAD	—	SAME AS FJ	
POMCAN 111	1	1 DEAD	—	1PND PHOTO 10:15 AM	
CORFLU 112	6	5 DEAD 1 ALIVE	—	" " 10:55 AM	
CORFLU 113	12	10 DEAD 2 ALIVE	—	" " 11:00 AM	
CORFLU 114	3	2 DEAD 1 ALIVE	—	" " 11:25 AM	
CORFLU 115	1	1 ALIVE	—	" " 11:39 AM	
CORFLU 116	47	30 LIVE 17 DEAD	—	" " 11:43 AM	
CORFLU 117	1	1 LIVE	—	" " 11:50 AM	
CORFLU 118	18	7 DEAD 11 LIVE	—	" " 11:55 AM	
CORFLU 119	12	8 DEAD 4 LIVE	—	" " 12:00 PM	

Q/QC Initials: _____ Date: _____

1 Source: SWAMP	Size	Size Class	Common Size Reference	Size	Size Class	Common Size Reference
Stream Habitat	>4m	Bedrock, smooth	larger than a car	2-16 mm	gravel, fine	ladybug to marble
Characterization	>4m	Bedrock, rough	larger than a car	0.06 - 2 mm	sand	gritty to ladybug
Form	1-4 m	Boulder, large	meter stick to car	≤0.06 mm	hardpan (consolidated fines)	
	25 cm - 1.0 m	Boulder, small	basketball to meter stick	NA	wood	
	64 - 250 mm	Cobble	tennis ball to basketball	NA	concrete/asphalt	
	18 - 64 mm	gravel, coarse	marble to tennis ball	NA	other	

² RADAUR = *Radix auricularia* = European ear snail; CORFLU = *Corbicula fluminea* = Asian clam; DREROS = *Dressina rostriformis bugensis* = Quagga mussel; DREPOL = *D. polymorpha* = Zebra mussel; POT ANT = *Potamopyrgus antipodarum* = NZ mudsnail; POMCAN = *Pomacea canaliculata* = channeled apple snail; PROCLA = *Procambarus clarkii* = red swamp crayfish

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/18	Pyramid Lake
Time: 8:14 am	
Surveyors: (RK) AN NH SP	
Site Number: 11	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type	
11a p.c. i.p.d. 8:30 am	bedrock rough	—	Velvetbe sp pond snail
11b p.c. i.p.d. 8:26 am	bedrock rough	—	Velvetbe pond snail pond snail
11c p.c. i.p.d. 8:14 am	sand	course gravel	pond snail
11d p.c. i.p.d. 8:34 am	bedrock rough	—	
11e i.p.d. 8:38 am	bedrock rough	—	Velvetbe sp pond snail

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type	
11f p.c. i.p.d. 8:31 am	30 ft	course gravel	—	pond snail Velvetbe sp
11g p.c. i.p.d. 8:28 am	33 ft	course gravel	—	pond snail
11h p.c. i.p.d. 8:22 am	24.5 ft	course gravel	—	
11i p.c. i.p.d. 8:34 am	32 ft	course gravel	—	pond snail Velvetbe sp
11j p.c. i.p.d. 8:57 am	28 ft	course gravel	—	pond snail Velvetbe sp
Average Depth				

Water Quality	
Temperature:	25.66 °C
SpC:	.458
DO	9.69
pH	9.74
Depth	2.5
Turbidity	6.3

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/10	Pyramid Lake
Time: 9:00 am	
Surveyors: (RK) AN	
Site Number: 8	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
8a pic 2679/2680	Sand	gravel, fine
8b pic 2682/2683	Sand	hard pan
8c pic 2684/2685	Sand	gravel, fine
8d pic 2686/2687	Sand	gravel, fine
8e pic 2688/2689	Sand	gravel, coarse

Vibex sp.
and shell

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 5/1/2018	
Time: 8:55 AM	
Surveyors: NH (SP)	
Site Number: 3 PYLAMIN	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
BA		
B		
C		
D		
E		

Offshore Points	IPAD PHOTO TIME	Depth (FT)	Dominant Substrate Type	Subdominate Substrate Type
B F	8:59 AM	6.6	SILT	*CPOM = ORGANIC LEG
G	9:02 AM	5.7	SILT	FINE GRAVEL
H	9:05 AM	6.7	SILT	CPOM
I	9:11 AM	12.5 FT	SILT	CPOM
J	9:16 AM	17.0 FT	COARSE GRAVEL	SILT
Average Depth				

VALVATA POND SNAIL
 VALVATA POND SNAIL
 POND SNAIL
 LEECH
 BALVATA
 POND SNAIL
 BALVATA
 N/A

Water Quality	
Temperature:	26.88
SpC:	.455
DO	10.79
pH	9.9
Depth	2 FT
Turbidity	40.5 NTU

* COARSE PARTICULATE = ORGANIC MATTER LEG

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/18	Ground Life
Time: 10:52a	
Surveyors: PK AN	
Site Number: 6	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
Ga pc		
Gb pc 2696/2697	gravel coarse	gravel fine
Gc pc 2700/2701	gravel fine	sand
Gd pc 2703/2704	gravel fine	sand
Ge pc 2706/2707	gravel fine	sand

Velvetz sp
pond snail

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/2018	WINDY - BOAT DRIFT
Time: 10:47 AM	
Surveyors: NH (SP)	
Site Number: 6 PYRAMID	

Shoreline Points		Dominant Substrate Type	Subdominate Substrate Type
6 A	10:56	ROUGH BEDROCK	N/A
B			
C			
D			
E			

Offshore Points		Depth (FEET)	Dominant Substrate Type	Subdominate Substrate Type
6 F	10:52 AM	28	ROUGH BEDROCK	N/A
6 G	10:55 AM	19	COARSE GRAVEL	FINE GRAVEL
H	11:00 AM	25 FT	FINE GRAVEL	COARSE GRAVEL
I	11:05 AM	24 FT	COARSE GRAVEL	SILT
J	11:10 AM	25 FT	COARSE GRAVEL	SILT
Average Depth				

- CORFLU 112 - POT
5 DEAD - SW
1 ALIVE - VAN

- CORFLU 113 - POT
10 DEAD - SW
2 ALIVE - VAN

- CORFLU 114 - POT
2 DEAD - SW
1 ALIVE - VAN

- CORFLU 115 - POT
6 DEAD - SW
13 ALIVE - BALI

Water Quality	
Temperature:	26.86 °C
SpC:	0.456
DO	11.29
pH	9.82
Depth	2 FT
Turbidity	8.7 NTU

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/18	Pyramid Lake
Time: 8:14 am	
Surveyors: (RK) AN NH SP	
Site Number: 11	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type	
11a pc ip.d 8:30 am	bedrock rough	—	Velvete sp. pond snail
11b pc ip.d 8:26 am	bedrock rough	—	Velvete pond snail pond snail
11c pc ip.d 8:14 am	sand	course gravel	pond snail
11d pc ip.d 8:34 am	bedrock rough	—	Velvete sp. pond snail
11e ip.d 8:38 am	bedrock rough	—	

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type	
11f pc ip.d 8:31 am	30 ft	course gravel	—	pond snail Velvete sp.
11g pc ip.d 8:28 am	33 ft	course gravel	—	pond snail
11h pc ip.d 8:22 am	24.5 ft	course gravel	—	pond snail
11i pc ip.d 8:34 am	32 ft	course gravel	—	Velvete sp.
11j pc ip.d 8:37 am	28 ft	course gravel	—	pond snail Velvete sp.
Average Depth				

Water Quality	
Temperature:	25.66 °C
SpC:	.458
DO	9.69
pH	9.74
Depth	2.5
Turbidity	6.3

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/18	Pyramid Lake
Time: 9:43am	
Surveyors: AN, (RK)	
Site Number: 7	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
7c pic	sand	(0)
7b pic 2690/2691	sand	coarse gravel
7c pic 2692/2693	sand	coarse gravel
7d pic 2694/2695	sand	coarse gravel
7c pic		

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/18	Pyramid Lake
Time: 9:00 am	
Surveyors: RK AN	
Site Number: 8	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
8a pic 2679/2680	sand	gravel, fine
8b pic 2682/2683	sand	hard pan
8c pic 2684/2685	sand	gravel, fine
8d pic 2686/2687	sand	gravel, fine
8e pic 2688/2689	sand	gravel, coarse

White sp. pond snail

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 5/1/2013	
Time: 8:55 AM	
Surveyors: NH (SP)	
Site Number: 8 PYRAMID	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
BA		
B		
C		
D		
E		

Offshore Points	IPAD PHOTO TIME	Depth (FT)	Dominant Substrate Type	Subdominate Substrate Type	
B F	8:59 AM	6.6	SILT	*CPOM = ORGANIC LEG	VALVATA POND SNAIL
G	9:02 AM	5.7	SILT	FINE GRAVEL	VALVATA POND SNAIL
H	9:05 AM	6.7	SILT	CPOM	POND SNAIL LEECH BAVATA
I	9:11 AM	12.5 FT	SILT	CPOM	POND SNAIL BAVATA
J	9:16 AM	17.0 FT	COARSE GRAVEL	SILT	N/A
Average Depth			/	/	

Water Quality	
Temperature:	26.88
SpC:	.455
DO	10.79
pH	9.9
Depth	2 FT
Turbidity	46.5 NTU

* COARSE PARTICULATE = ORGANIC MATTER = ORGANIC LEG

Non-native Invasive Invertebrate Form (Page 2)

Date:	B/1/2018
Time:	9:39 AM
Surveyors:	NH SP
Site Number:	7 PYRAMID

Shoreline Points		Dominant Substrate Type	Subdominate Substrate Type
7 A	10:00 AM	COARSE GRAVEL	FINE GRAVEL
B			
C			
D			
E	10:15	ROUGH BEDROCK	SMALL BOUNDER

VALVATA

CHANNEL APPLE
SNAIL
POMCAL III

Offshore Points	100m PHOTO TIME	Depth (FEET)	Dominant Substrate Type	Subdominate Substrate Type
7 F	9:42 AM	25	BEDROCK ROUGH	COBBLE
G *	9:45 AM	13	SILT	N/A
H *	9:51 AM	15	SILT	CPOM
I **	9:55 AM	13	SILT	CPOM
J	9:59 AM	22	SILT	CPOM
Average Depth				

POMO SNAIL
VALVATA

POMO SNAIL
VALVATA

VALVATA
POMO SNAIL

CORAL 110
VALVATA
POMO SNAIL
5 DEAD

Water Quality	
Temperature:	27.37 °C
SpC:	.460
DO	11.96
pH	9.88
Depth	2 FT
Turbidity	9.1 NTU

* GRAVEL ON BIMINI.

** GRAVEL CAPTURED PROBABLY; BUZZER BOAT W/ ITEM IN MOUTH

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/18	Pyramid Lake
Time: 10:52am	
Surveyors: PK AN	
Site Number: 6	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
6a pc		
6b pc 2696/2697	gravel coarse	gravel fine
6c pc 2700/2701	gravel fine	sand
6d pc 2703/2704	gravel fine	sand
6e pc 2706/2707	gravel fine	sand

Velvetz sp
pond snail
Velvetz sp
pond snail

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/11/18	Pyramid Lake
Time: 11:34 am	
Surveyors: KK AN	
Site Number: 3	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type	
3a p.c. 2709/2710	gravel fine	gravel coarse	Velvete sp pond snail
3b p.c. 2711/2712	gravel fine	gravel coarse	
3c p.c. 2714/2715	gravel fine	sand	Velvete sp. pond snail pond snail
3d p.c. 2717/2718	gravel fine	sand	Velvete sp.
3e p.c. 2719/2720	gravel coarse	gravel fine	Velvete sp.

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type
Average Depth			

Water Quality	
Temperature:	
SpC:	
DO	
pH	
Depth	
Turbidity	

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/2018	WINDY - BOAT DRIFT
Time: 10:47 AM	
Surveyors: NH (SP)	
Site Number: 6 PYRAMID	

Shoreline Points		Dominant Substrate Type	Subdominate Substrate Type
6 A	10:50	ROUGH BEDROCK	N/A
B			
C			
D			
E			

Offshore Points		Depth (FEET)	Dominant Substrate Type	Subdominate Substrate Type
6 F	10:52 AM	23	ROUGH BEDROCK	N/A
6 G	10:55 AM	19	COARSE GRAVEL	FINE GRAVEL
H	11:00 AM	25 FT	FINE GRAVEL	COARSE GRAVEL
I	11:05 AM	24 FT	COARSE GRAVEL	SILT
J	11:10 AM	25 FT	COARSE GRAVEL	SILT
Average Depth				

- CORFLU 112 - Pot
5 DEAD - SW
1 ALIVE - VAN

- CORFLU 113 - Pot
10 DEAD - SW
2 ALIVE - VAN

- CORFLU 114 - Pot
2 DEAD - SW
1 ALIVE - VAN

- CORFLU 115 - Pot
6 DEAD - SW
13 ALIVE - BALI

Water Quality	
Temperature:	26.86 °C
SpC:	0.456
DO	11.29
pH	9.82
Depth	2 FT
Turbidity	8.7 NTU

Non-native Invasive Invertebrate Form (Page 2)

Date: 8/1/2013	WILTON - BORT SPIN
Time: 11:34 AM	
Surveyors: NH, SP	
Site Number: 3 PYRAMID	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type
3 A		
B		
C		
D		
E		

Offshore Points		Depth (FEET)	Dominant Substrate Type	Subdominate Substrate Type	
3 F	11:39 AM	26	COARSE GRAVEL	FINE GRAVEL	VALVATA POND SNAIL COEFLU 115 1 ALIVE
G	11:43 AM	22	COARSE GRAVEL	FINE GRAVEL	VALVATA POND SNAIL COEFLU 117 * FLATWORM
H	11:50 AM	22	SMALL BOUNDER	COBBLE	COEFLU 117 1 LIVE
I	11:55 AM	16	COARSE GRAVEL	FINE GRAVEL	COEFLU 118 POND 7 POND SNAIL 11 ALIVE VALVATA
J	12:00 PM	19	COARSE GRAVEL	SAND/SILT	COEFLU 119 5 POND + 4 LIVE VALVATA POND SNAIL
Average Depth					

Water Quality	
Temperature:	26.72
SpC:	0.462
DO	11.04
pH	9.71
Depth	2 FT
Turbidity	13.7 NTU

11/14/2013
Non-native Invasive Plant Form

Date	Surveyors (circle recorder)	Site	Site Visit					
8/14/2013	AM, EN, SP	OWAN						
Site Location Description								
Camera ID		GPS ID						
<p>Quantitative data: If a plant population is estimated to cover greater than 0.1-ac or if greater than 100-ft (if linear) - map to the boundary. If smaller, single central point can be taken and estimate acre class: (1) up to 0.01-ac; (2) 0.01 to 0.1-ac. Additional data collected will include: species, GPS-derived location, nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences), and approx. f area covered. If a population is identified on the perimeter of the FERC Project Boundary the extent of the population extending beyond the boundary will be estimated.</p> <p>Qualitative data: For widespread occurrences of NNIP, or for those which detailed mapping is unlikely to remain accurate (e.g., annual grasses, which change distributions yearly), describe general distribution and extent within the study area, and estimate acre class: (3) up to 0.1-ac; (4) 0.1 to 0.25-ac; (5) 0.26 to 4.0 ac; and (6) greater than 4.0 ac.</p>								
NNIP Code & Number	D W*	C D**	Percent Cover	Percent Phenology***	UTMs	Photo#	Approx. Area (sq. ft) or Acre Class	Description: nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences)
POTUNK 032	D	C	<1%	100% VEG	—	SEE 11740		2 PLANTS - SEE 11740
CORFUM 219						2 PHOTOS		3 COLLECTED + 2 HAVE SHELLS
POTUNK 033	D	C	<1%	100% VEG	—	1 PHOTO 1 PHOTO		ORANGE CLIPBOARD
CORFUM 220						1 PHOTO PHLO		FILIPINATIP
CORFUM 221	—	—	—	—	—	2 PHOTO PHOTOS	—	2 ORNED SHELLS
CORFUM 223								CORFUM LINE: MANY SHELLS FOUND ALONG SHORELINE: DISPERSED ~ 25 SHELLS
UNK IN 224						1 PHOTO PHOTO 2		1 BROKEN STEM → PEARLY MUSSEL
POTUNK 034	D	C	<1%	100% VEG		—	—	DEW SAMPLE
UNK IN 225								SAME AS PREVIOUS BROKEN UNK IN 224 → PEARLY MUSSEL
UNK IN 226								GRAY BLUE → PEARLY MUSSEL
QA/QC	Initials:				Date:			

*Discrete or Widespread

** Concentrated or Diffuse

*** Phenology: Vegetative, Flower and/or Fruit

INVOLUT
Non-native Invasive Plant Form

Date	Surveyors (circle recorder)	Site	Site Visit					
5/14/2018	AN, KN, SP	WAL						
Site Location Description								
Camera ID	GPS ID							
<p>Quantitative data: If a plant population is estimated to cover greater than 0.1-ac or if greater than 100-ft (if linear) - map to the boundary. If smaller, single central point can be taken and estimate acre class: (1) up to 0.01-ac; (2) 0.01 to 0.1-ac. Additional data collected will include: species, GPS-derived location, nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences), and approx. f area covered. If a population is identified on the perimeter of the FERC Project Boundary the extent of the population extending beyond the boundary will be estimated.</p> <p>Qualitative data: For widespread occurrences of NNIP, or for those which detailed mapping is unlikely to remain accurate (e.g., annual grasses, which change distributions yearly), describe general distribution and extent within the study area, and estimate acre class: (3) up to 0.1-ac; (4) 0.1 to 0.25-ac; (5) 0.26 to 4.0 ac; and (6) greater than 4.0 ac.</p>								
NNIP Code & Number	D W*	C D**	Percent Cover	Percent Phenology***	UTMs	Photo#	Approx. Area (sq. ft) or Acre Class	Description: nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences)
CO2FLU 209								1 DEAD - HALF-SHELL
CO2FLU 210								1 DEAD - HALF-SHELL
CO2FLU 211								7 DEAD - HALF SHELLS
CO2FLU 212								1 DEAD
CO2FLU 213								6 HALF SHELLS + 3 WITHOU SHELLS: ALL DEAD
CO2FLU 214						IPAD		1 DEAD, SEE IPAD PHOTO, OUTSIDE LAKE NEAR SHORELINE
CO2FLU 215								2 DEAD
CO2FLU 216						IPAD x2		14 HALF SHELLS, 1 WHOLE
CO2FLU 217								1 HALF SHELL
CO2FLU 218						IPAD		1 OPENING SHELL SEE IPAD PHOTO
QA/QC	Initials:			Date:				

*Discrete or Widespread

** Concentrated or Diffuse

*** Phenology: Vegetative, Flower and/or Fruit

11/15/2018
Non-native Invasive Plant Form

Date	Surveyors (circle recorder)	Site	Site Visit					
8/14/2018	AH, KN (S)	GDAN						
Site Location Description								
Camera ID	GPS ID							
<p>Quantitative data: If a plant population is estimated to cover greater than 0.1-ac or if greater than 100-ft (if linear) - map to the boundary. If smaller, single central point can be taken and estimate acre class: (1) up to 0.01-ac; (2) 0.01 to 0.1-ac. Additional data collected will include: species, GPS-derived location, nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences), and approx. f area covered. If a population is identified on the perimeter of the FERC Project Boundary the extent of the population extending beyond the boundary will be estimated.</p> <p>Qualitative data: For widespread occurrences of NNIP, or for those which detailed mapping is unlikely to remain accurate (e.g., annual grasses, which change distributions yearly), describe general distribution and extent within the study area, and estimate acre class: (3) up to 0.1-ac; (4) 0.1 to 0.25-ac; (5) 0.26 to 4.0 ac; and (6) greater than 4.0 ac.</p>								
NNIP Code & Number	D W*	C D**	Percent Cover	Percent Phenology***	UTMs	Photo#	Approx. Area (sq. ft) or Acre Class	Description: nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences)
Coefm 234								1 HALF SHELL
Coefm 235								~25 HALF SHELLS IN BEACH COVE * NEED TO GPS POLYGON OF BEACH COVE
Coefm 236								ALONG BEACH SHOULDER ~ 15, DOWN FC CURVED * NEED TO GPS LINE
Coefm 237								ADJ TO ROAD, BRUNT CAPTAINS + ROAD IN BACKGROUND P * NEED TO GPS POLYGON ~ 20
Coefm 238								ALONG BEACH SHOULDER, NEAR TREES, ~ 10
LINK IN 239								1 BROKEN UNKOWN SHELL WHITE + BEIGE @ OBSERVATION PT
Coefm 240								~ 12 SHELL FRAGMENTS IN WATER DOWN FC BEACH
Coefm 241								BEACH + SHOULDER COVERED IN HALF SHELLS ~ 100 * DRAWING OUT THE WAY TO FENCE ALONG SHOULDER
LINK IN 242								PIECES OF SHELL ON ROCK @ EDGE OF FENCE
QA/QC	Initials:	Date:						

- * Discrete or Widespread
- ** Concentrated or Diffuse
- *** Phenology: Vegetative, Flower and/or Fruit

Non-native Invasive Plant Form

11/14/14
INVERT

Date	Surveyors (circle recorder)	Site	Site Visit					
8/14	AN, KN (SP)	QUATE						
Site Location Description								
Camera ID	GPS ID							
<p>Quantitative data: If a plant population is estimated to cover greater than 0.1-ac or if greater than 100-ft (if linear) - map to the boundary. If smaller, single central point can be taken and estimate acre class: (1) up to 0.01-ac; (2) 0.01 to 0.1-ac. Additional data collected will include: species, GPS-derived location, nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences), and approx. f area covered. If a population is identified on the perimeter of the FERC Project Boundary the extent of the population extending beyond the boundary will be estimated.</p>								
<p>Qualitative data: For widespread occurrences of NNIP, or for those which detailed mapping is unlikely to remain accurate (e.g., annual grasses, which change distributions yearly), describe general distribution and extent within the study area, and estimate acre class: (3) up to 0.1-ac; (4) 0.1 to 0.25-ac; (5) 0.26 to 4.0 ac; and (6) greater than 4.0 ac.</p>								
NNIP Code & Number	D W*	C D**	Percent Cover	Percent Phenology***	UTMs	Photo#	Approx. Area (sq. ft) or Acre Class	Description: nearby sources of dispersal (e.g., roads), surrounding vegetation composition, and any nearby resource concerns (e.g., special-status plant occurrences)
UNKNOWN 227								POTTS SWAN OIL NZ MUDFLAT - ATTACHED ON MUD FLATS AREA OF SHORELINE
COEFM 228								DIFFUSELY SCATTERED AMONG SHOULDER
POTUS POTUS 035								FLOATING IN WATER - POTUS
POTUS POTUS 036								POTUS - FLOATING
WHHV 229						1 iPad photo		1 shell connected w/ broken edge
RMCAH 230								1 DEAD MOLL.
POTUS 037	D	C	< 1%	100 VEG				SAME AS CHUKASH ISLAND @ MIKANID
COEFM 231								1 BROKEN HALF SHELL
UNKNOWN 232								BLUE GRAY, PURPLE CLAM SHELLS; PEARLY MUSSEL
COEFM 233								1 HALF SHELL
QA/QC		Initials:		Date:				

*Discrete or Widespread

** Concentrated or Diffuse

*** Phenology: Vegetative, Flower and/or Fruit

Non-native Invasive Invertebrate Form

Date	Surveyors (circle recorder)	General Site Description			
8/16/2018	AN, KN, (SP)	E. CONCRETE			
Site Number	Shoreline or Offshore	Substrate Type ¹		Bedrock (smooth or rough); boulder (large or small); cobble; gravel (coarse or fine); sand, fines, hardpan, wood; concrete/asphalt; Other (see Description below); or unknown. See below for size class descriptions.	
		Dominant	Sub-Dom		
Camera ID		GPS ID			
NNII Code ² & Occ. No.	# of Individ	Life Stage	UTMs	Photo#	Description:
CORFLU 243	9	9 dead		1 PNO 8:55	3 WHOLE + 1 HALF SHELL
CORFLU 244	1	1-dead		1 PNO 9:00	1 WHOLE INDIVIDUAL, BUT BROKEN WHEN SIFTING THROUGH SCREEN
CORFLU 245	2	2-DEAD		1 PNO 1	2 WHOLE INDIVIDUALS
CORFLU 246	6	1 live 5 dead		-	
CORFLU 247	2	2-dead		-	2 dead
CORFLU LAB	150	25 live 25 dead		-	ALL ALONG SHORELINE ~ 50: 25 live + 25 dead

QA/QC Initials: _____ Date: _____

1 Source: SWAMP	Size	Size Class	Common Size Reference	Size	Size Class	Common Size Reference
Stream Habitat	>4m	Bedrock, smooth	larger than a car	2-16 mm	gravel, fine	ladybug to marble
Characterization	>4m	Bedrock, rough	larger than a car	0.06 - 2 mm	sand	gritty to ladybug
Form	1-4 m	Boulder, large	meter stick to car	≤0.06 mm	hardpan (consolidated fines)	
	25 cm ± 1.0 m	Boulder, small	basketball to meter stick	NA	wood	
	64 - 250 mm	Cobble	tennis ball to basketball	NA	concrete/asphalt	
	18 - 64 mm	gravel, coarse	marble to tennis ball	NA	other	

² RADAUR = *Radix auricularia* = European ear snail; CORFLU = *Corbicula fluminea* = Asian clam; DREROS = *Dressina rostriformis bugensis* = Quagga mussel; DREPOL = *D. polymorpha* = Zebra mussel; POT ANT = *Potamopyrgus antipodarum* = NZ mudsnail; POMCAN = *Pomacea canaliculata* = channeled apple snail; PROCLA = *Procambarus clarkii* = red swamp crayfish

Non-native Invasive Invertebrate Form (Page 2)

Date: 9/16/2013	
Time:	
Surveyors: AH / KN (SP)	
Site Number: 12 <u>ADAMSBERRY</u>	

Shoreline Points	Dominant Substrate Type	Subdominate Substrate Type	
12 A 2 x PHOTO @ 9:58	FINE GRAVEL	SILT	1 PHOTO SNAIL
12 B 2 x PHOTO @ 9:55	FINE GRAVEL	COARSE GRAVEL	NO INVASIVE
12 C 2 x PHOTO @ 9:51	FINE GRAVEL	COARSE GRAVEL	2 CORPUS 247 + SCATTERED ALONG SHORELINE
12 D 2 x PHOTO @ 9:46	SILT	FINE	6 CORPUS 246 1 VALVATA
12 E 2 x PHOTO @ 9:40	FINE GRAVEL	SILT	2 x PHOTO 9:40 AM NO INVASIVE

Offshore Points	Depth	Dominant Substrate Type	Subdominate Substrate Type	
12 F	30 FT	SILT	N/A	LEECH, SCUD 1 CORPUS 244 FIND WHOLE, IN FACT BUT
12 G	40 FT	SILT	FINE GRAVEL	SCUD, LEECH CORPUS 243 x 9
12 H	34 FT	SILT	N/A	13 FOREIGN VALVATA (!)
12 I	27 FT	SILT	FINE GRAVEL	2 WHOLE CORPUS CORPUS 245
12 J	23 FT	SILT	FINE GRAVEL	1 WHOLE CORPUS 246
Average Depth				

Water Quality	
Temperature:	21.81 °F
SpC:	0.454
DO	12.00
pH	9.10
Depth	— *
Turbidity	— X

1 PHOTO SNAIL
NO INVASIVE
2 CORPUS 247
+ SCATTERED ALONG
SHORELINE
6 CORPUS 246
1 VALVATA
2 x PHOTO 9:40 AM
NO INVASIVE

LEECH, SCUD
1 CORPUS 244
FIND WHOLE, IN FACT BUT
SCUD, LEECH
CORPUS 243 x 9
13 FOREIGN VALVATA (!)
2 WHOLE CORPUS
CORPUS 245
1 WHOLE
CORPUS 246

*FROM BUCKET
SAMPLE AS
TO NOT CROSS
CONTAMINATE