

SALT LAKE CITY STREAM ASSESSMENT DATA FORM

Stream (cir): UCC LCC URB LRB UEM LEM UPC LPC	Date & Time:
Location/ Reach #:	Weather Now: <input type="checkbox"/> rain <input type="checkbox"/> clear
Observer(s):	Weather Past 24 hrs: <input type="checkbox"/> rain <input type="checkbox"/> clear
Water Appearance (cir): clear, slightly cloudy, v.cloudy	Stream Stage (cir): Flood High Mod Low Dry

Stream Bed Material Information

Dominant Type(s) (cir): bedrock, boulder, cobble, gravel, sand/silt (note pool vs Riffle differences)
 Clay Shelf Present? Y N; if Y describe % channel width affected: _____

Bed Hardening or Grade Structures present (cir): none, concrete sill, rock weir, other

Diversion (headgate, etc.) at Bed Structure Y N Scour evident? N Y scour depth: _____ ft
 Photo(s) GPS or map locations Condition: _____
 Notes: _____

Stream Bank Material Information

Dominant Type (cir): bedrock, boulder, cobble, gravel, sand/silt DESC: _____
 Bank Erosion (cir): none, low, mod, high GPS or map locations of erosion problem areas
 Bank Hardening Types present (cir): none, gabions, rip rap, concrete, asphalt chunks, stone or brick wall, other _____
 GPS or map locations Condition: _____

Channel and Floodplain Habitat Information

Sediment Deposits and/or Bars: absent/occasionally present/abundant Type: sand, gravel, cobble
 Undercut Banks: absent/occasionally present/abundant
 Accessible Flat Floodplain Surfaces: absent/occasionally present/abundant
 In-channel Woody Debris: absent/occasionally present/abundant
 Evidence of Reach-Scale Channel Degradation ("tipping" trees, excessive scour, etc.)? N Y
 Notes: _____

Storm Drain Outfall(s) N Y # _____ GPS or map locations Photo(s)
 Condition/Notes _____

Exposed Pipe Crossing(s) N Y # _____ GPS or map locations Photo(s)
 Type (cir): sewer, water, gas, unknown, other _____
 Condition/Notes _____

Eroded Access Trail(s) N Y # _____ GPS or map locations Photo(s)
 Condition/Notes _____
 Heavy Dog Use evident? Y N

Culvert Information (note scour, deposition, debris blockages, unstable sills/walls etc.)

Crossing # _____ GPS or map location Road Name or Other Desc.: _____
 Type (cir): round pipe, arch, box, other _____ Size (ft): H _____ W _____ Diam. _____
 Photo of upst. side Photo of dst. side
 Condition upst. side: _____
 Condition dst. side: _____

Crossing # _____ GPS or map location Road Name or Other Desc.: _____
 Type (cir): round pipe, arch, box, other _____ Size (ft): H _____ W _____ Diam. _____
 Photo of upst. side Photo of dst. side
 Condition upst. side: _____
 Condition dst. side: _____

Other Features (cir): seep/spring, tributary, other _____ GPS or map location

Notes: _____
 GPS or map location of Pebble Count and Cross Section Measurements

Cross Section Survey Data (note LEP, REP, LEW, REW, AHWL, BK, FP, TOPBK, IC)

LEP tag desc: <input type="checkbox"/> LEP photo <input type="checkbox"/> Photo # of XS looking d.s.			REP tag desc: <input type="checkbox"/> REP photo <input type="checkbox"/> Photo of XS looking u.s.		
BM nail desc:			<input type="checkbox"/> BM nail photo		
STA. (ft)	ROD VAL.(ft)	DESC.	STA. (ft)	ROD VAL.(ft)	DESC.

Slope Survey Data

Long. Dist. from XS (ft)	ROD VAL. (ft)	DESC.
		TW at upst. riffle
0		TW at cross section
		TW at dst. riffle

NOTES on reach type, condition, rec. management actions to improve condition, etc.: _____

SKETCH of cross section (show loc. of endpoint tags relative to lower & upper banks, etc.)

Salt Lake City Riparian Vegetation Mapping Data Form

Date: _____ Data Recorders: _____

Stream: UCC LCC URB LRB UEM LEM UPC LPC Photo(s): _____

Polygon: _____ Stream Reach #: _____

Stratum: _____

Canopy (>15 ft tall): total % cover >75% 25-50% <25%

spp1	cover1	spp2	cover2	spp3	cover3	spp4	cover4
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Shrub (3 ft-15 ft tall): total % cover >75% 25-50% <25%

spp1	cover1	spp2	cover2	spp3	cover3	spp4	cover4
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Understory (<3 ft tall): total % cover >75% 25-50% <25%

spp1	cover1	spp2	cover2	spp3	cover3	spp4	cover4
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Invasive species present? (y/n)	
Invasive species dominant? (y/n)	
Control recommended? (y/n)	
Active recruitment evident? (y/n)	

%Bare Ground/Rock	
%Leaf Litter	
Standing/Fallen Dead Logs on banks/floodplain (cir):	absent
sparse moderate dense	

Notes/Specific Issues: _____

SALT LAKE CITY RIPARIAN STUDY - HIGH FLOW DATA FORM

Stream and Reach: _____

Sampling Party: _____

Date (mm/dd/yy): _____

Time (24 hour): _____

Weather Now: _____

Weather Past 24 hr.: _____

Water Appearance (circle one): Clear slightly cloudy very cloudy

Bedload Transport (describe sound): _____

Inundated Vegetation (describe): _____

High Water Data	
Location	Rod Height
WS Nail	
LEW	
REW	

Photos	
Direction	Number
US	
DS	
RB	
LB	

Taken by: _____

General Notes: _____

