Scour Info Sheets

SCOUR INFORMATION AND SKETCH REPORT

BR. I.D. __-____-____ WATERWAY NAME : _____

DATE : ___/____/____ INSPECTED BY : ___/___/___/___/___

DATE : ___/____/____ INSPECTED BY : ___/___/___/___/___

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GENERAL DATA
(CIRCLE ONE)

REGION : RURAL - URBAN FATHOMETER REQ'D : YES - NO

WATERWAY INFORMATION

TIDAL : YES <----------> UNDERCLEARANCE : ___.__ (ft)
*(Relation to a fixed Point) DEPTH OF FLOW : ___.__ (ft)

: NO <----------> UNDERCLEARANCE : ___.__ (ft)
DEPTH OF FLOW : ___.__ (ft)

CHANNEL INFORMATION
(CIRCLE ONE)

DEBRIS IN CHANNEL : YES - NO SEDIMENT IN CHANNEL : YES - NO

CHANCE OF OVERTOPPING
(CIRCLE ONE)

(1=FREQUENT,<3 YRS) (2=OCCASIONAL,3-10YRS) (3=SLIGHT,11-100 YRS)

CAPACITY OF CHANNEL
(CIRCLE ONE)

(1 = LOW) (2 = MODERATE) (3 = HIGH)

ROADWAY OVERFLOW RISK
(CIRCLE ONE)

(1 = SEVERE) (2 = SIGNIFICANT) (3 = INSIGNIFICANT)

STREAM BANK CONDITIONS
(CIRCLE ONE)

UPSTREAM: (0=NONE) (1=BANK FAILURE) (2=BOTTOM FAILURE) (3=1+2)

DOWNSTREAM: (0=NONE) (1=BANK FAILURE) (2=BOTTOM FAILURE) (3=1+2)

sketch.scour2/27/98

STREAMBED CHARACTERISTICS

STREAMBED MATERIAL TYPE: SILT/CLAY, SAND, GRAVEL (<6"), BOULDER /NATURAL RIVER STONE (>6")

STREAMBED MATERIAL PENETRATION: (DETERMINED THROUGH PROBING)	*1 – FIRM (<1")	*2 – HARD (0")	*3 – LOOSE (1" – 3")	*4 – MUCK (>3")	*5 – PAVED (N/A)

ARMORING

ABUTMENT _____

PIERS _____

WINGWALLS _____

UPSTREAM CHANNEL _____

DOWNSTREAM CHANNEL _____

CHANNEL BOTTOM _____

TYPE

1 = SACKED CONCRETE RIPRAP
2 = R – 4 (AVG = 6")
3 = R – 5 (AVG = 9")
4 = R – 6 (AVG = 12")
5 = R – 7 (AVG = 18")
6 = SHEET PILING
7 = SLOPE PAVING
8 = CONCRETE FLOOR
9 = N/A

TYPE OF FOUNDATION
(CIRCLE ONE)
SPREAD FOOTING : YES - NO - CULVERT
FOUNDATION MATERIAL : SOIL - ROCK - UNKNOWN
PILES : <20' (6m) YES - NO PILES : ≥20' (6m) YES - NO

SUBSTRUCTURE ELEMENTS
(CIRCLE ONE)
PIER - BENT - CAP
SHAPE: SQUARE - ROUND - POINTED - OTHER
PILES: SQUARE - ROUND - FLUTED - OTHER

LOCAL SCOUR (OBSERVED)
(CIRCLE ONE)
PIERS: NONE - FOOTING EXPOSED - PILES EXPOSED
BENT OR ABUTMENT: NONE - MINOR - MODERATE - SEVERE

Additional Inspector Scour-Related Notes