

Check-In/Check-Out Form

Location Code _____ - _____ - _____

Location Description _____

Team Leader Name: _____

Team Members: _____

| | Equipment | Equipment ID | Initial Received | Initial Returned |
|--|---|--------------|------------------|------------------|
| Volunteer Sign-In Sheet (Waiver) (white) | <i>Please have team members sign the waiver or collect Assumption of Risk Forms</i> | | | |
| Site Maps | Include | | | |
| Data Sheet: Field Data Sheet (green) | yes / no | n/a | | |
| Data Sheet: Visual Assessment Form Photo sheet on backside (yellow) | yes / no | n/a | | |
| Check in/out form (purple) | yes / no | | | |
| Camera | yes / no | | | |
| Nalgene Bottle - preserved (1/2 gal labeled) | yes / no | | | |
| Nalgene Bottle - un-preserved (1/2 gal labeled) | yes / no | | | |
| Metals - (250ml bottle; preserved) | yes / no | - | | |
| Coliform Bottle (100ml labeled) | yes / no | | | |
| Thermometer | yes / no | | | |
| pH kit | yes / no | | | |
| Dissolved oxygen kits | yes / no | | | |
| Conductivity meter | yes / no | | | |
| Other _____ | yes / no | | | |
| Other _____ | yes / no | | | |

Snapshot Day Field Data Sheet

DATE ____ / ____ / ____

STATION ID: _____ - _____ - _____

Creek Name: _____

Site Description: _____

Team Leader (name & phone #): _____
 Team Members: _____
 (list additional names on back)

OBSERVATIONS: (Circle one underlined option) **Observations Time:** _____

| | | |
|-------------------|--|---|
| Cloud cover | <u>no clouds</u> ; partly cloudy; cloudy sky | Rain in past 24-Hrs Inches: <u>yes</u> ; <u>no</u> |
| Precipitation | <u>none</u> ; foggy; misty; drizzle; rain; snow | |
| Wind | <u>calm</u> ; breezy; windy; | |
| Water Clarity | <u>clear water</u> ; cloudy water (>4" visibility), <u>murky</u> (<4" visibility). [this pertains to the water, not to scum] | |
| In-Stream Flow | <u>dry creekbed (none)</u> ; isolated pools; trickle; slow/smooth; moderate/rippling; rapid/turbulent; flooding | |
| Sample color | <u>none</u> ; amber; yellow; green; brown; gray; other: _____ | |
| Sample odor | <u>none</u> ; fresh algae smell; chlorine; rotten eggs; sewage; other _____ | |
| Other (presence:) | <u>algae or water plants</u> ; oily sheen; foam or suds; litter or trash; other _____ | |

FIELD MEASUREMENTS: (Fill in Instrument ID and Results; check units) **Measurements Time:** _____

| Instrument ID | Parameter | Unit | Result | 2nd/REP/DUP | Bracket | Comments |
|---------------|----------------------------------|------------|--------|-------------|---------|----------|
| | Conductivity | µS | | | | |
| | Dissolved Oxygen | mg/l (ppm) | | | | |
| | H2O Temperature | °C | | | | |
| | Air Temperature | °C | | | | |
| | pH | pH | | | | |
| | Transparency | cm | | | | |
| | Staff Gage readout, if available | cm | | | | |
| | | | | | | |

USGS Gage # _____ USGS Rated Flow _____

Creek Width: _____ Channel Width (Bankfull Width): _____
 Creek Depth: _____ Sampling Depth: (select) 6" below surface; < 6" below surface
 (Please include unit of measurement, and note when measurement is estimated.)

Lab Samples Collected (Please check those collected)

| | |
|------------------------------------|--------------------------|
| Preserved (1/2 gal labeled) | <input type="checkbox"/> |
| Un-Preserved (1/2 gal labeled) | <input type="checkbox"/> |
| Fecal Coliform Bacteria | <input type="checkbox"/> |
| Metals - (250ml bottle; preserved) | <input type="checkbox"/> |

Sampling Time: _____

Reviewed by: _____
 Checked by: _____
 Data entry by: _____

Snapshot Day Visual Assessment - Stream Walk

Date ____/____/____

Station ID: _____ - _____ - _____

Creek Name:

Site Description:

REACH LENGTH (approx. length of reach surveyed):
(100 m or 300 ft recommended)

Team Leader (name & phone #):

STARTING POINT (Describe):

Latitude: Longitude:

(include GPS coordinates if available)

WATER INPUTS or DISCHARGES (Circle one underlined option, if inputs or discharges are present):

#1

Input/Discharge Point: none; pipe; concrete drain channel; earth drainage ditch; swale; tributary; other;
 Type of Input/Discharge: none; seep/spring; pond drainage; industrial; sewage; storm water runoff (snow, storm, urban); ag/grazing; other;
 Water Clarity: clear water; cloudy water; murky water;
 Flow discharge: dry creekbed; isolated pools; trickle; slow/smooth; moderate/rippling; rapid/turbulent;
 Water color: none; amber; yellow; green; brown; gray; other;
 Water odor: none; fresh algae; chlorine; rotten eggs; sewage; other;
 Other (presence): algae or water plants; oily sheen; foam or suds; litter or trash; other

#2

Input/Discharge Point: none; pipe; concrete drain channel; earth drainage ditch; swale; tributary; other;
 Type of Input/Discharge: none; seep/spring; pond drainage; industrial; sewage; storm water runoff (snow, storm, urban); ag/grazing; other;
 Water Clarity: clear water; cloudy water; murky water;
 Flow discharge: dry creekbed; isolated pools; trickle; slow/smooth; moderate/rippling; rapid/turbulent;
 Water color: none; amber; yellow; green; brown; gray; other;
 Water odor: none; fresh algae; chlorine; rotten eggs; sewage; other;
 Other (presence): algae or water plants; oily sheen; foam or suds; litter or trash; other

If there are more water inputs or discharge points, please write on separate sheet of paper

DOMINANT STREAM- or SHORESIDE VEGETATION:

(briefly describe):

LAND USES WITHIN REACH (List land use and activity codes, in order of dominance, within 1/4 mile of stream reach):

1) 2) 3) 4)

LAND USE OBSERVATION CODES:

- | | | | | |
|----------------------------|-----------------------|--------------------------|--------------------------------|----------------------------------|
| 0. undeveloped | 5. industrial | 10. grazing | 15. mining | 20. other (describe in comments) |
| 1. residential | 6. sewage treatment | 11. animal feedlot/dairy | 16. golf course | |
| 2. rural residential | 7. institution/school | 12. fish hatchery | 17. park/recreation facilities | |
| 3. commercial/offices | 8. landfill | 13. construction | 18. timberland | |
| 4. auto repair/gas station | 9. agriculture | 14. logging | 19. open space (describe) | |

ENDING POINT (Describe):

Latitude: Longitude:

(include GPS coordinates if available)

FISH BARRIERS, WATER DIVERSIONS, MODIFICATIONS AND STREAM CHANNELIZATIONS

Describe locations & put on map on back

Fish Passage Barriers: debris dam; beaver dam; man-made dam; culvert disconnect; other
 Water Diversions: dam; agriculture; flume; pipe; private use; industrial; other
 Stream/Shore Modification: artificial hardening; recreational use; devegetation; mining; road crossing; other
 Stream Channelization: rip-rap; concrete; earthen; other

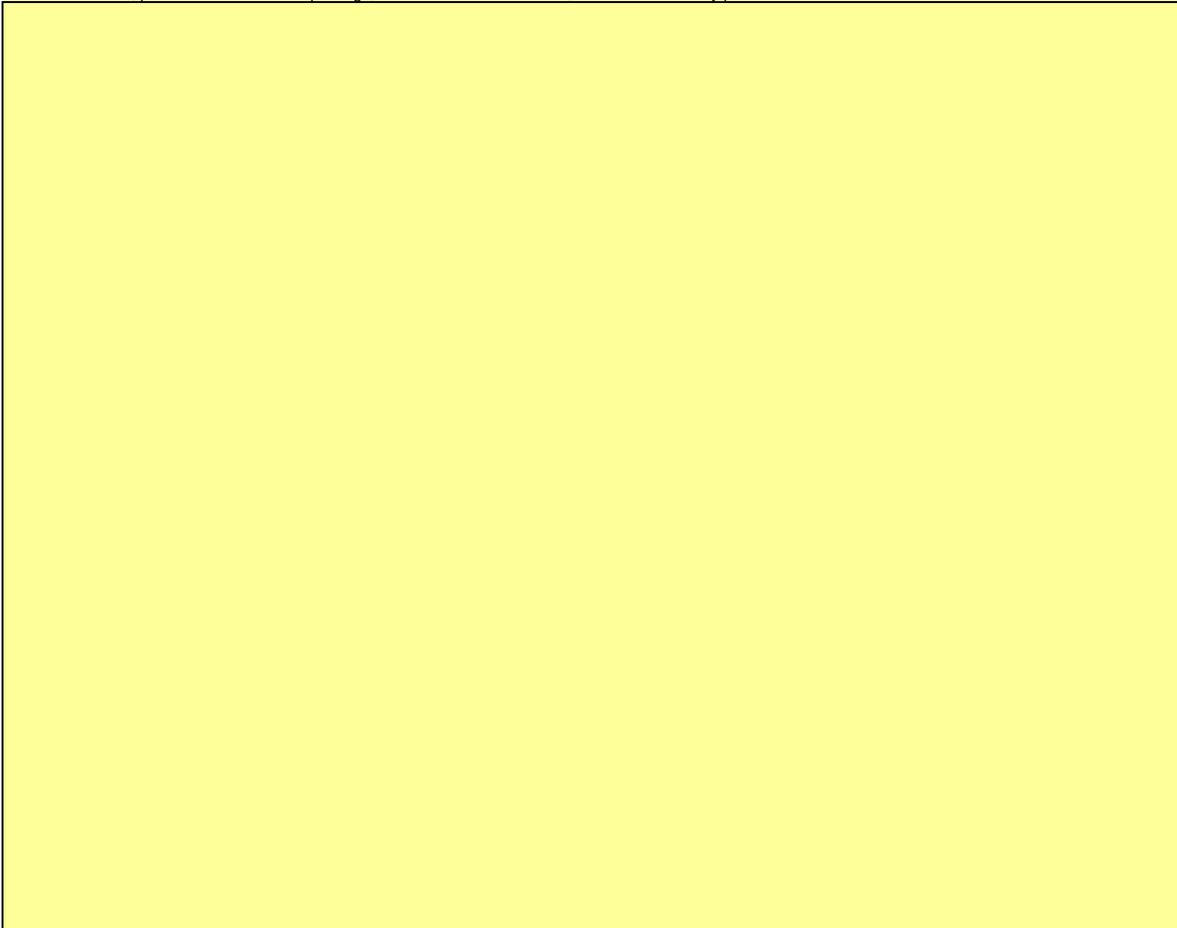
(include GPS coordinates if available)

Erosion, unstable stream banks, bed conditions (sedimentation):

| | | |
|-----------|------------------|-----------------|
| Location: | Bank conditions: | Bed conditions: |
| Location: | Bank conditions: | Bed conditions: |

DRAW A MAP of the stream reach or shoreline.

Show start and stop points, important vegetation features, discharges or trash dumps, stream or shoreline modifications, stream diversions, possible barriers to fish passage, erosion and sedimentation, and locations of any photos taken:



NOTES, special problems, comments:



| PHOTOS | Photo Description | Details |
|--------|-----------------------------|---------|
| 1 | Station ID Sheet | |
| 2 | Picture of Monitoring Team | |
| 3 | Start Point - Upstream | |
| 4 | Start Point - Stream Bed | |
| 5 | Start Point - Across Stream | |
| 6 | End Point - Downstream | |
| 7 | End Point - Stream Bed | |
| 8 | End Point - Across Stream | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |

Please take some fun pictures for us to use!