

| Salem Creek 2004 Dye Traces (8 Oct 2004) - 3 Traces | | | | | |
|--|-----------|-------------|------------|--|--|
| By: Eric Bunge, Senior B.Sc. Thesis, 10 Nov 2005 | | | | | |
| Advisor: Dr. E. Calvin Alexander, Jr. | | | | | |
| UTMs | | KFD # | Site Type | Station Name | Dye Input Notes |
| Easting (NAD 83, Zone 15) | Northing | | | | |
| Monitoring Points | | | | | |
| 522,513 | 4,868,139 | MN20:X00002 | stream | Salem Creek @ 260th Ave (Ness) | |
| 523,784 | 4,868,866 | MN20:X00003 | stream | Salem Creek north of Bruce's Cabin | |
| 524,287 | 4,869,216 | MN20:X00004 | stream | Salem Creek @ 270th Ave (quarry) | |
| 524,978 | 4,868,991 | # 217241 | well | Blee's well, # 217241 | |
| 525,201 | 4,869,248 | MN20:X00005 | stream | Salem Creek @ Basford farm. | |
| 526,661 | 4,868,278 | MN55:A00560 | spring | Spring 55A560 | |
| 527,266 | 4,868,604 | MN55:X00045 | stream | Salem Creek @ 110th Ave | |
| 528,926 | 4,869,242 | MN55:X00046 | stream | Salem Creek @ Shanty Town | |
| Dye Input Points | | | | | |
| 524,978 | 4,868,991 | # 217241 | well head | Blee's well head, # 217241 | 50.3 g of 91% solid erythrosin @ 11:50, 8 Oct 2004 |
| 525,015 | 4,868,966 | MN20:D00022 | sinkhole | Sinkhole 20D22 (next to Blee's) | 24.2 g of 35% liquid fluorescein @ 12:10, 8 Oct 2004 |
| 523,725 | 4,868,648 | MN20:B00001 | streamsink | 20B1, Bruce's Cabin streamsink | 57.4 g of 35% liquid eosin @ 13:05, 8 Oct 2004 |
| 526,587 | 4,868,145 | MN55:D01547 | sinkhole | Little Brown Jug sinkhole (previously referred to as: 55D718) | 104.8 g of 35% liquid sulforhodamine B @ 10:44, 8 Oct 2004 |