
Annual Hyde Park Gorge Walk, August 11, 2004

Notes by Will Welling and Brian Sadowski

Attendees included Don Mcleod, GSHI; Frank Barone, MSRMI; Jon Williams, CRA for MSRMI; Jim Thornton, CRA for MSRMI; Stephanie Baker, MSRMI; Tamara Raby, Earth Tech Consultants (for USEPA); Matt Forcucci, NYSDOH; Brian Sadowski, NYSDEC; and Will Welling, NYSDEC.

[Field Map in PDF](#) is the last page.

Photos with Notes




Photo	DEC Description	CRA Description
	Photo 1, left. Rocks beneath the Robert Moses Overpass.	Beginning with Photo 3, this column contains the field report descriptions from Jim Thornton, CRA, e-mailed on 8/12/04 to the participants. GF-S(number), corresponds to Seep (number). "GF-S(number)" format is used on the field map.
	Photo 2, left. Proceeding to the first seep. The seeps are not numbered in the visiting sequence but are named in the order in which they were discovered. Jim Thornton took charge of the walk. He had a collection of previous years' observations. At each stop he compared our present observations	to what was seen last year. Most seeps appeared to be very similar to last year.
	Photo 3, left. GF-1S. Dry, no odor, "same as last year," said Jim Thornton. Comments in quotes which follow are from Jim Thornton or the consensus of group members who were present for the 2003 walk. This seep location is in the Pekin / Gothic formations.	Seep 1. Dry, sparse vegetation, seep basin is clear and dry, no odor. Seep conditions have not changed since 2000.



Photo 4, left. GF-1S.



Photo 5, left. Rock wall in the vicinity of Culvert Number 8 - near the base of the contact between Gothic and DeCew formations.

Culvert 8 Inlet and outlet clear and dry. No action required. Same as 2000 - 2003.



Photo 6, Culvert Number 7.



Photo 7, left. GF-16 located at the contact between the Lockport (above) and Rochester (below).

Seep 16. Approximately 320' north of the north fence line of seep 1. Slightly moist rock face at north and south ends. Moisture is from the Lockport/Reynales contact. No action required. Same conditions as 2000-2003.



Photo 8, left. View back up the road, up-section. Foreground vegetation edge on right obscures Culvert 7. Both the inlet and outlet are obscured by trees and cover, "same as last year."

Culvert 7. Dry, no flow, inlet buried. Outlet not observed due to heavy vegetation. No action required. Same as 2000 - 2003.



Photo 9, left. GF-S2, moist rock wall, vegetation growing on the fencing, except for 1-3 gpm flow, it's "the same as last year."

Culvert 6 just below the vegetation and slightly to the left, out of view: water is flowing past. "I don't think anything goes in here."

Seep 2 (Culv. 6). Damp area 0 to 30 feet north of seep (from Lockport/Rochester contact). Steady flow (~1 gpm), minor green algae and grass on face of Rochester Shale, several wet and dripping areas, seep basin totally full of rock. No fence present. Same conditions as noted in 2000- 2003.

Seep 2. (Ditch line) No odor, green moss, heavy vegetation. Heavy talus in ditch. Same conditions as in 2002, 2003.

Culvert 6. Standing water at the outlet, water is clear, no odor, no flow. Inlet buried at Seep 2. No action required. Same as 2000 - 2003.



Photo 10, left. GF-S17 Slight drip. "Same as last year," said Tami.

Seep 17a. North - area approximately 150' north of the north wall of seep 2. Slightly dripping at the Irondequoit/Reynales contact. Portion of Irondequoit is damp. No action required. Basically same conditions as previous years.

Seep 17b. South - dry No action required.



Photo 11, left. GF-S14, at the Irondequoit / Renaldi contact. Renaldi is the more fractured formation. This seep is about 30 feet wide. "Same as last year."

Seep 14. Approximately 80' to 100' south of the south fence line of seep 3. Wet face on Reynales approximately 30' wide. Slight dripping originates from the Irondequoit/Reynales contact. No action required. Same conditions as 2000-2003.



Photo 12, left. GF-S3 and Culvert 5. This location is in the vicinity of the Bleed Run Culvert. Heavy *Phragmites* vegetation, wet location. The culvert shows a slight flow. This damp rock face is the Upper Grimsby.

NOTE: We did not photograph GF-S18, between Culverts 4 and 5.

Seep 3 (Top). Very heavy *Phragmites* reeds on north and south sides of the concrete box Bleed Run Culvert. Area is dry Area fenced. Same conditions as in 2002, 2003.

Seep 3 (Bottom) Culvert 5. Heavy vegetation. Seep basin is clear. Rocks are wet but no standing water in basin (deepest portion) at Bleed Run Culvert. Remediated. Same as 2002 and 2003. Culvert 5. Inlet is open. Slightly flowing. Outlet has standing water, slight flow. No odor. No action required.

Seep 18. Seep is 0 to 75' north of the north wall of seep 3. Vegetation on dripping rock face (Upper Grimsby). Ditch line is dry. Basically the same conditions as 2003.



Photo 13, left. **Culvert 4**. Dry stone, pea gravel-size, behind fence. "Same as last year-- a little damp"

Culvert 4. Inlet is open and dry. Outlet is dry. No flow. No action required. Same as 2000 -2003.



Photo 14, left. **GF-S4**, flowing. Tall cliff, slime hanging from rock ledge. Active flow, 3-5 gpm flow at the time of this walk.

Seep 4. Flowing water (4 to 5 gpm). Heavy vegetation, no odor. Fence in place. Same as 2002 and 2003.



Photo 15, left. Rust on fencing at **GF-S4** and **Culvert 3** is caused by road salt in plow-thrown snow.

Culvert 3. Inlet is open. Dry soil. Outlet is damp. No action required. Same as 2000 -2003.



Photo 16, left. **GF-S20** and **Culvert 2**. Water is dripping from the bowl-shaped, concave, cliff face.

Seep 20. Area 80' to 100' north of the north fence line of **seep 4** at the base of the Grimsby Sandstone down into the Power Glen Shale. Slightly dripping. No action required. Basically the same conditions as in 2002 and 2003.



Photo 18, left. **Culvert 2** has slight flow. There is growth of Staghorn sumac with a lot of dead branches and wilted vegetation at this location (not shown).

Culvert 2. Inlet is buried. No odor Outlet has significant vegetation, a slight flow (less than 0.5 gpm), moss, no odor. No action required. Same as 2000 -2003.



Photo 19, left. **GF-S19**. Damp area, no visible flow in ditch.

Seep 19. Approximately 120' south of the south end of the wing wall. Queenston/Whirlpool rock face damp. No visible flow in ditch. Heavy vegetation. No action required. Basically the same conditions as in 2002 and 2003.



Photo 20, left. **Seep 12** is flowing 30-40 gpm. **Culvert 1** is dry (no Photo). We then left the power authority roadway and hiked along the river edge trail. It began to rain.

Seep 12. Steady flow out of culvert from NYPA south tunnel. Flow approximately 30 to 40 gpm. No odor, noticeable algae in pipe. Sampling discontinued after 2001 due to history of non-detects.

Culvert 1. Picks up ditch flow to Drop Inlet at bottom of NYPA access road. Dry. No action required. Same as 2000 -2003.



Photo 21, left. **Bloody Run**. When the weather is hot, one can smell volatiles at this location. There was no odor this year, Brian commented.

Bloody Run. Fenced-in area by the river shoreline. No visible flow, no odor, heavy talus. Fence is in place and in good condition. Same as in 2000 through 2003.



Photo 22, left. GF-S11 was dry. Remains of railroad stonework can be present at this location and others along the trail along the river edge.

Seep 11a. Inlet area at water's edge covered with local rock. Sediment infilling. Remediated. Same as 2000, 2001, 2002, and 2003

Seep 11b. Dry (south of Bloody Run Fence) Same as 2000, 2001, 2002, and 2003



Photo 23, left. GF-S21

Seep 8. Approximately 5 gpm flow. Some vegetation, no odor. No action required.

Seep 21. Area 375' south of Seep 7 (Devil's Hole Stairs) by the river - dry. Same as 2001, 2002, and 2003.



Photo 24, left. Garfield Avenue Sewer storm water overflow. Smell of sewage. Since it was raining, we didn't linger long at this location!

The former railroad along the river edge was damaged numerous times from slides. Note the narrow-gauge rail jutting from the bank. This rail may be from a buried section of track. It's only about two inches tall and an inch across - very small rail!

Garfield Avenue Sewer. No flow at exposed original outlet, typical sewer odor, continual caving into former archway (Whirlpool Sandstone) Standing water in pipe. Additional washouts since 1998. Parks Dept built a pedestrian walkway (with two 36" diameter culverts) across the path in the summer of 1999. One culvert inlet completely buried.



Photo 25, left. GF-S7

Seep 7 a,b. Covered with local rock. Heavy vegetation. Remediated. Same as 2001-2003.

Seep 7 c. Some exposed channel flow between rocks. Remediated. Same as 2001-2003.

Seep 7 d. Wet and flowing (15 to 20 gpm) over top of Irondequoit (waterfall). No odor. Sampled September 24, 2003. Non-Detect for all parameters - same as 1999, 2000, 2001, and 2002.

Seep 7 e,f,g,h,i. Flowing water beneath rocks. Heavy vegetation. Some exposed channel flow. No action required.



Photo 26, left. GF-S5 or GF S6.

Seep 5. Damp rock face, slight dripping. Remediated. Same as 2001-2003.

Seep 6. Moist rock face with slight dripping. Remediated. Same as 2001-2003.



Photo 27, left. GF-S3. Top of the box culvert connected to Garfield Street Sewer. There's water flowing in the culvert.

End of 2004 walk, at approximately 11:30 AM. The morning concluded with a lunch and short period of wrap-up discussion.