

LWC Field Trip Itinerary for 8/18/15

| Item | Timeframe | Location | Topics |
|--|----------------|--|---|
| Travel: SOB to St Cloud WWTF | 7:30 to 8:45 | | |
| Welcome/Gathering Activity {restroom opportunity} | 8:45 to 9:00 | St Cloud Wastewater Treatment Plant, 525 60th St S, St Cloud | Civic Engagement (Photo Booth by the Central MN Water Education Alliance) |
| Municipal Wastewater Treatment Plant Tour {restroom opportunity} | 9:00 to 9:45 | St Cloud Wastewater Treatment Plant, 525 60th St S, St Cloud | regional service provider (also serves St Augusta, St Joseph, Sartell, Sauk Rapids & Waite Park; 13 MGD generated from 99,400 people); energy:water nexus (energy recovery efforts); biosolids management & P harvesting; future capital infrastructure investments; meeting the new eutrophication standards |
| Travel: WWTF to Klaverkamp farm | 9:45 to 9:55 | | |
| Klaverkamp farm tour | 9:55 to 10:40 | Dean Klaverkamp farm, 1707 Gaelic Rd, St Augusta | manure management improvements via Stearns SWCD (eliminated creekside feedlot & replaced with buffer, collect feedlot runoff and direct to vegetated treatment area, reduced creek access), AWQCP certified |
| Travel: Klaverkamp farm to GNP | 10:40 to 11:00 | | |
| GNP small industrial wastewater treatment /future reuse {restroom opportunity} | 11:00 - 11:30 | GNP, 851 Sauk River Rd, Cold Spring | significant water conservation using water tech solutions (driven by water limitations); wastewater reuse limited by lack of policy/regs/potable water standards; field stewards program |
| Travel: GNP to 3rd St Brewhouse | 11:30 to 11:35 | | |
| Lunch w/ panel discussion (Cold Spring Brewing, City of Cold Spring, GNP, DNR, MDH) {restroom opportunity} | 11:35 - 12:45 | Third Street Brewhouse, 219 Red River Ave N, Cold Spring | water appropriations permitting difficulty; trout stream conflicts; Cold Spring Municipal water supply high nitrate issues/wellhead protection/civic engagement; limitations on wastewater reuse |
| Travel: 3rd St to ST-1 Discovery Farm | 12:45 to 1:30 | | |
| ST-1 Tour | 1:30 to 2:15 | ST 1, Discovery Farm, 39957 360th St, Sauk Center | edge of field monitoring |
| Travel: ST-1 to ST Cloud WTF | 2:15 to 3:10 | | |
| St Cloud Water Treatment Facility {restroom opportunity} | 3:10 to 3:40 | Water Treatment Facility, 1000 5th Ave N, St Cloud | water treatment, source water protection, impact of WRAPS and watershed based governance |
| Travel: St Cloud WTF to WWTF for car | 3:40 to 4:00 | | |
| Travel: St Cloud WWTF to Centra Sota | 4:00 to 4:30 | | |
| Tour: Centra Sota | 4:30 to 5:00 | Central Sota, 2168 165th Ave, Santiago | Bulk ag chemical storage, pesticide cleanup site |
| Travel: Centra Sota to SOB | 5:00 to 6:15 | Return to St Paul | |