

Legend

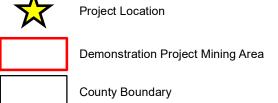


Figure 1 General Site Location

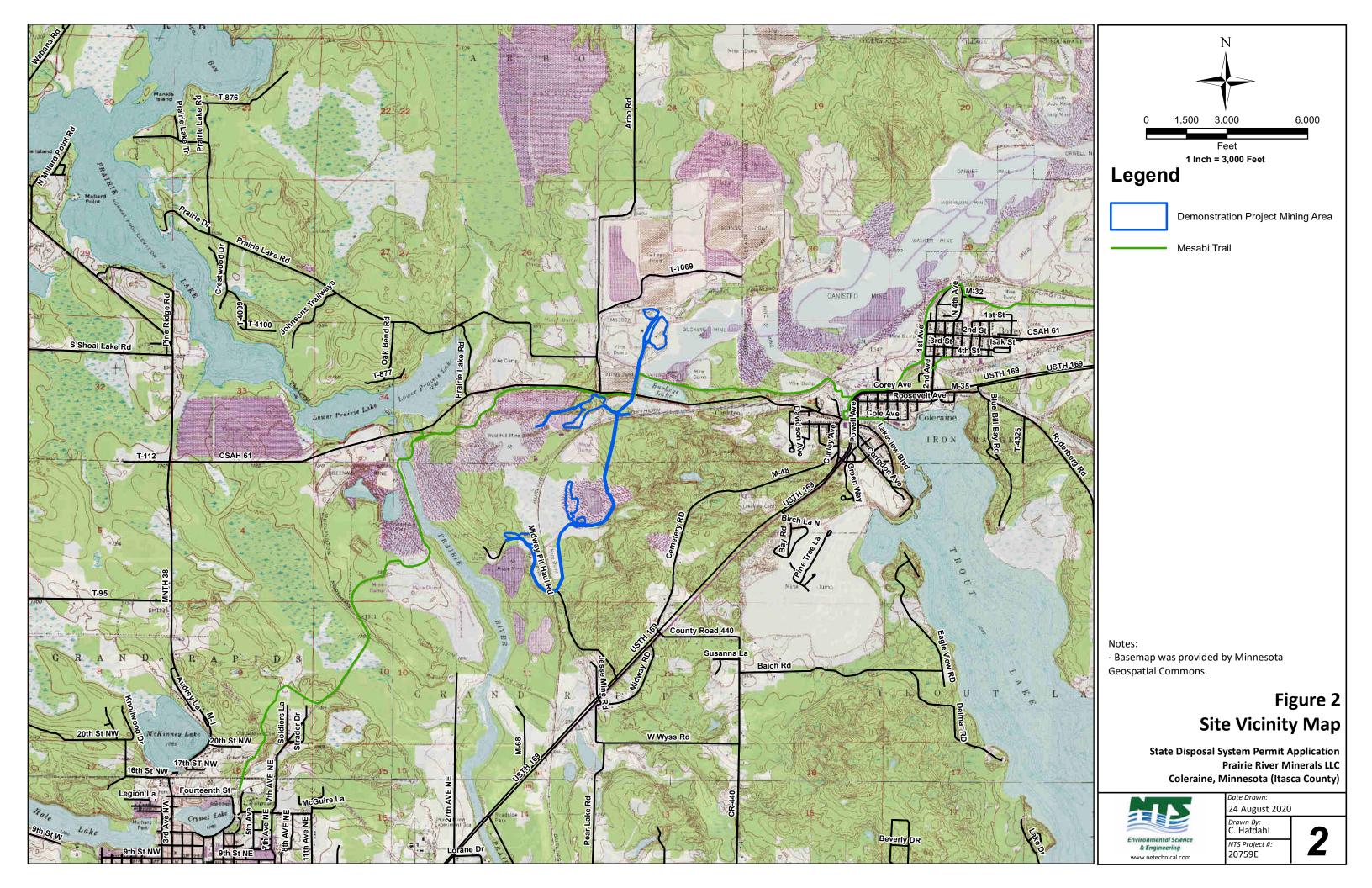
State Disposal System Permit Application Prairie River Minerals LLC Coleraine, Minnesota (Itasca County)

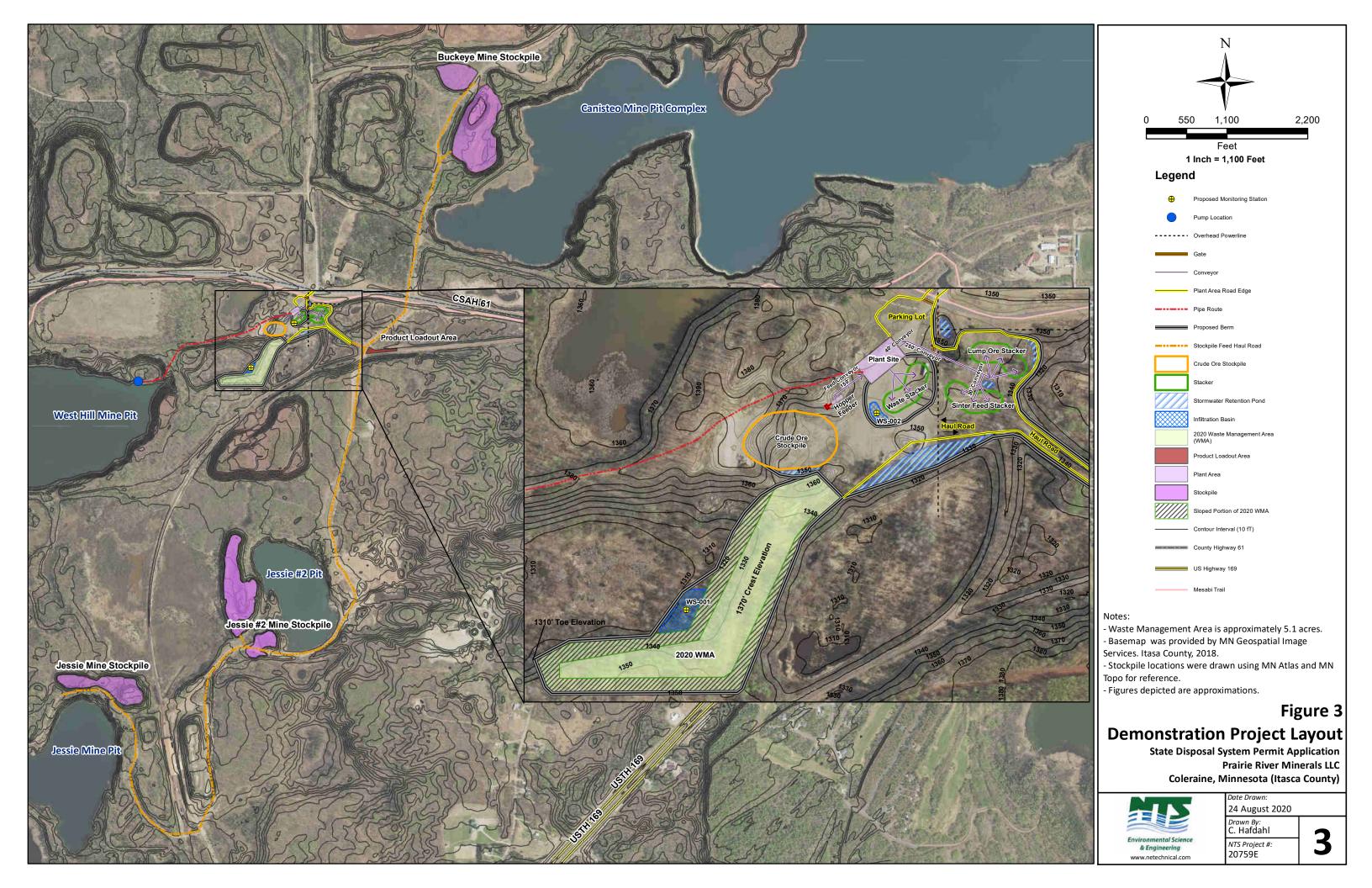


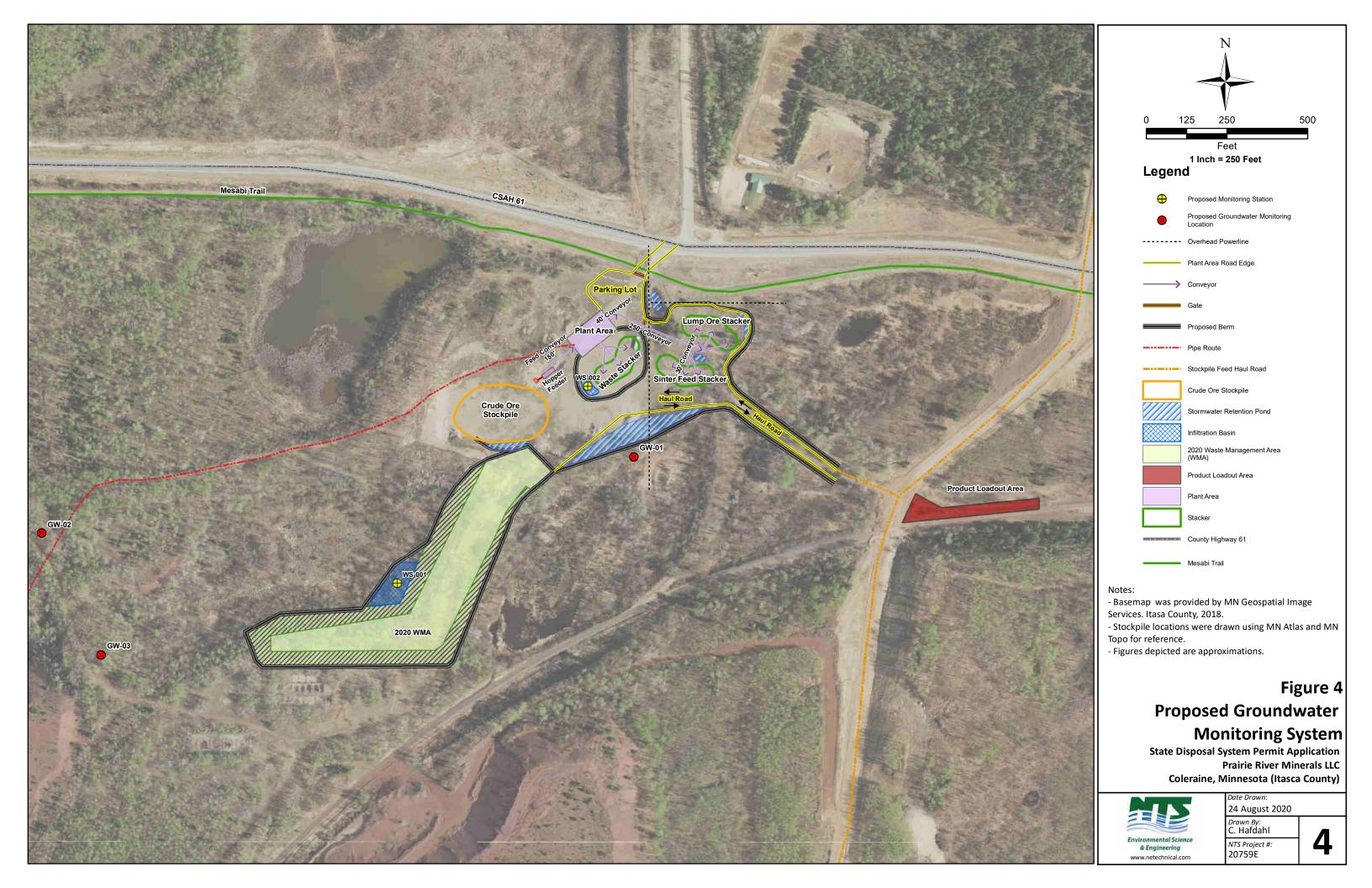
Date Drawn: 24 August 2020

Drawn By: C. Hafdahl NTS Project #: 20759E

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WATER SOURCES WATER USE AND MANAGEMENT 2200 gpm Recirculation **West Hill** Infiltration **Plant** 100-150 gpm **Water Reclaim** (125 gpm Average) **Process Water** Mine Pit **System Processes Processes** Crushing **Storage** (No Surface **Proposed Limit: 78** (Thickener) Grinding Discharge) MGY Sorting Make-Up Water **for Process Evaporation Moisture** in **Moisture** in **Site Stormwater Products** Losses and Waste **Rejects/Waste** Management (100 gpm Average) Area Jessie #2 Mine (25 gpm Average) Pit **Dust control** 100-150 gpm **Permitted Maximum:** (125 gpm Average) 8 MGY

Notes:

- Moisture content in products is estimated at 5% and rejects/waste moisture content is estimated at 11%.



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Figure 5 Proposed Water Balance PRM Demonstration Project

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Coleraine, Minnesota (Itasca County)

Date Drawn:

18 August 2020

Drawn By: C. Hafdahl

NTS Project Number

