

**PROPOSED MONITORING LOCATIONS**

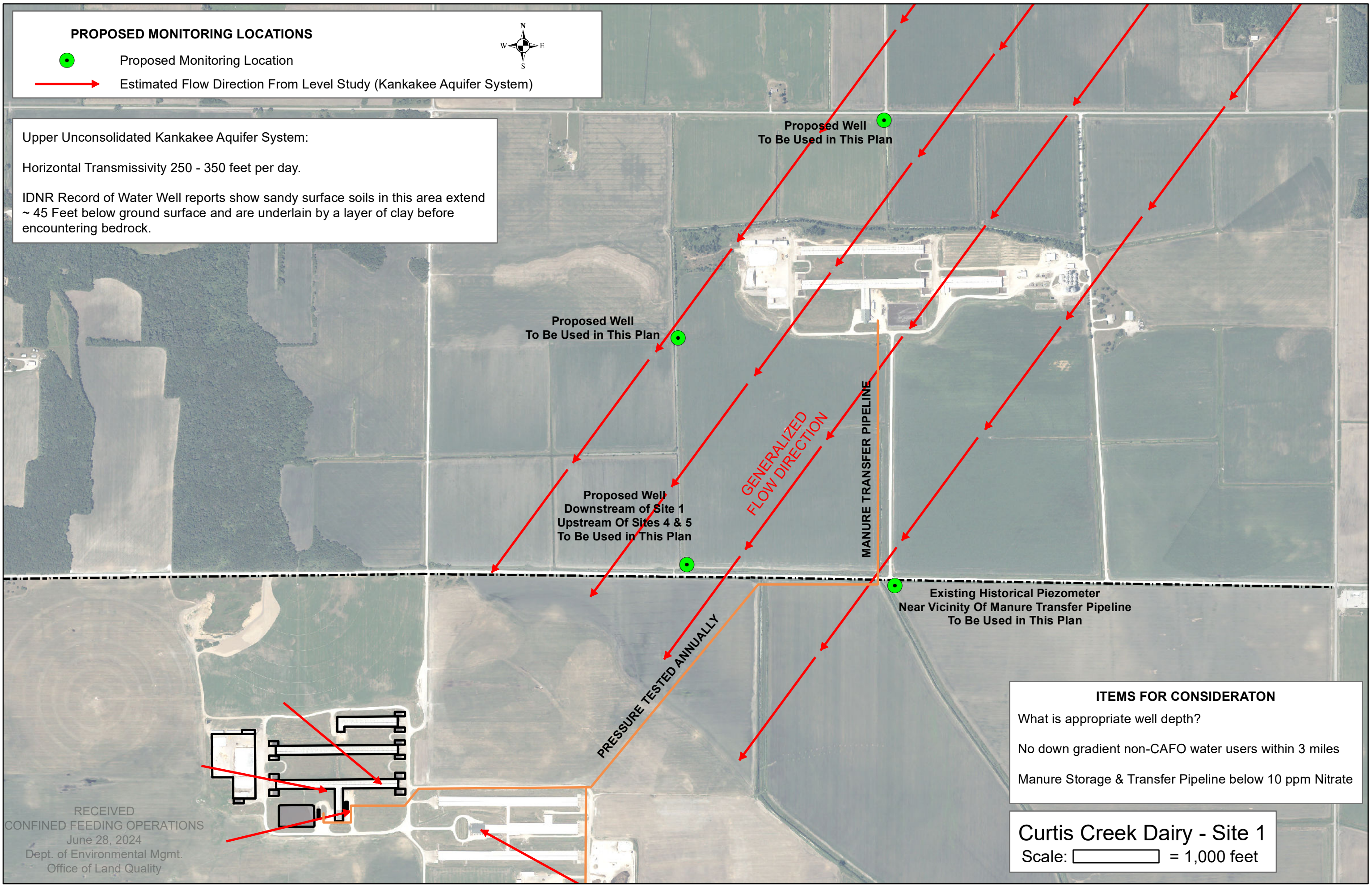
- Proposed Monitoring Location
- Estimated Flow Direction From Level Study (Kankakee Aquifer System)



Upper Unconsolidated Kankakee Aquifer System:

Horizontal Transmissivity 250 - 350 feet per day.

IDNR Record of Water Well reports show sandy surface soils in this area extend ~ 45 Feet below ground surface and are underlain by a layer of clay before encountering bedrock.



Proposed Well  
To Be Used in This Plan

Proposed Well  
To Be Used in This Plan

Proposed Well  
Downstream of Site 1  
Upstream Of Sites 4 & 5  
To Be Used in This Plan

Existing Historical Piezometer  
Near Vicinity Of Manure Transfer Pipeline  
To Be Used in This Plan

GENERALIZED  
FLOW DIRECTION

MANURE TRANSFER PIPELINE

PRESSURE TESTED ANNUALLY

**ITEMS FOR CONSIDERATON**

- What is appropriate well depth?
- No down gradient non-CAFO water users within 3 miles
- Manure Storage & Transfer Pipeline below 10 ppm Nitrate

**Curtis Creek Dairy - Site 1**  
Scale:  = 1,000 feet

RECEIVED  
CONFINED FEEDING OPERATIONS  
June 28, 2024  
Dept. of Environmental Mgmt.  
Office of Land Quality