



# Public Meeting

RACER Trust Lansing Plants 2 & 3

Located near

W Saginaw St & Rosemary Ave

Lansing, Michigan

Charter Township of Lansing

April 23, 2019

6:00 p.m.



# Introduction

- Christine Matlock, MDEQ
- Jackie Saling, ARCADIS

February 12, 2019



# Tonight's Timeline

- 6:00PM – 6:30PM: Informational Session
  - MDEQ Site Review
  - ARCADIS Biosparge Overview
- 6:30PM – 8:00PM: Informal Question & Answer

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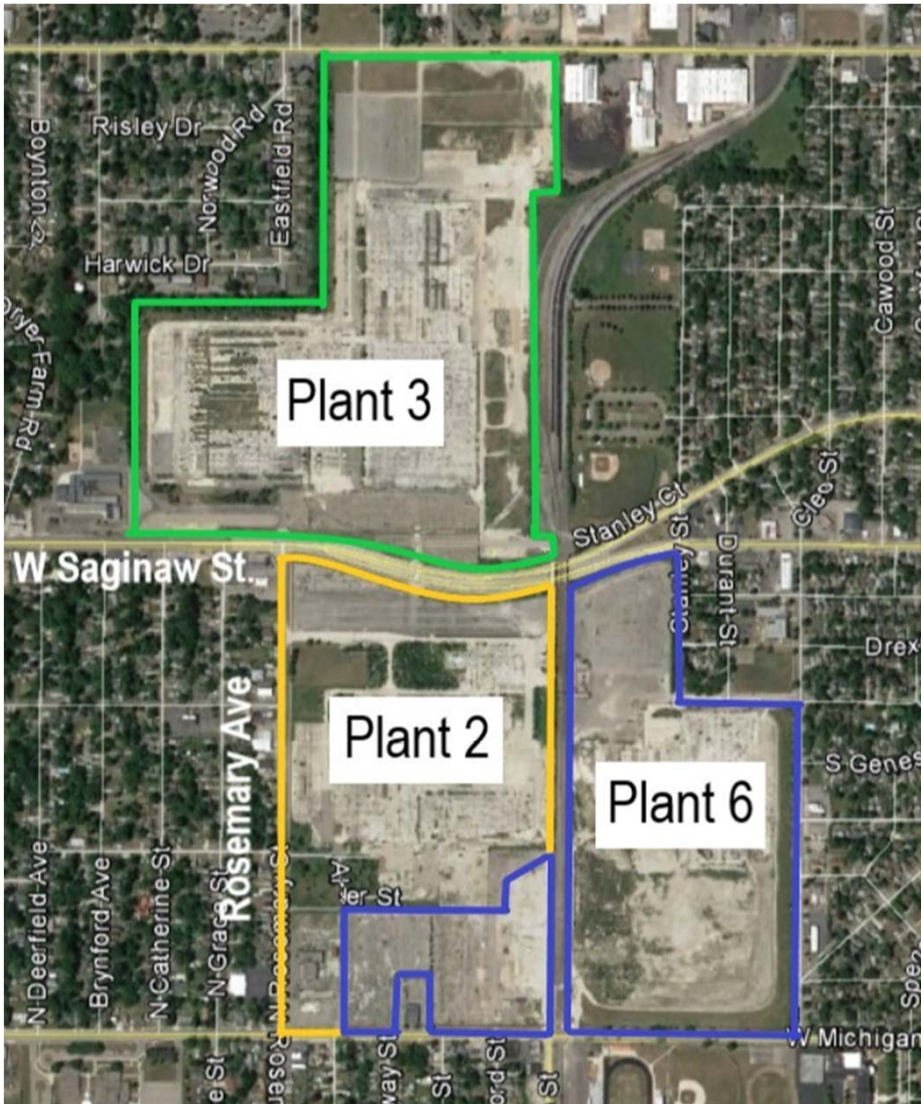


# Meeting Outline

- Background
- Process
- Current Conditions
- Biosparge Technology
- Questions & Answers

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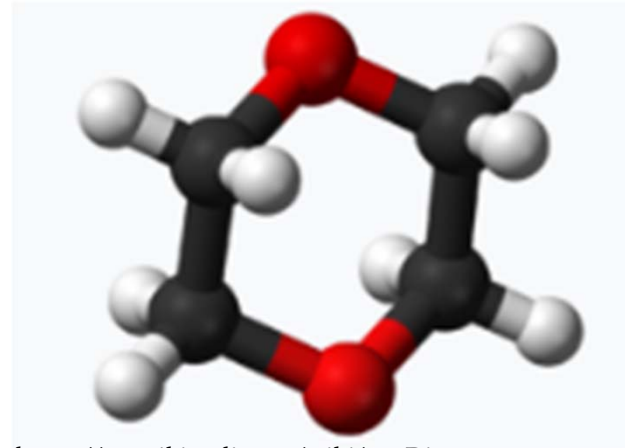
- Plant Construction: Early 1900's
- Manufacturing, Metal Stamping, and Assembly
- Shut down/Decommissioned: 2005-2007
- GM Bankruptcy/RACER Trust Formation: 2009-2010
- RCRA Investigation Starts: 2011

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# What is 1,4-Dioxane?

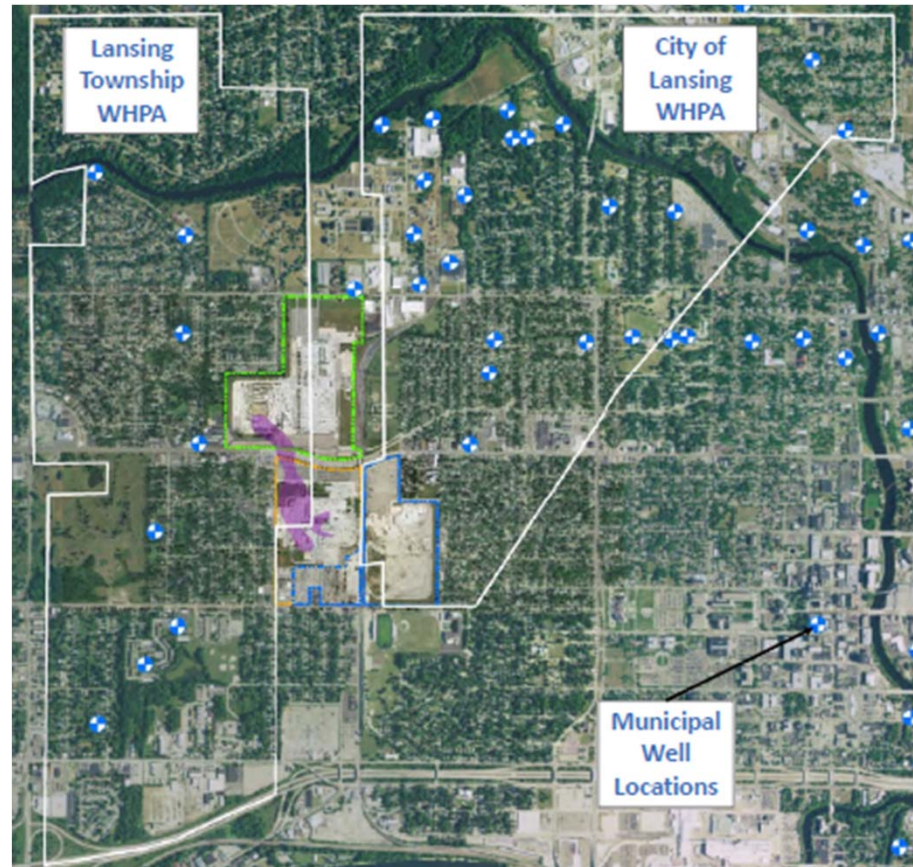
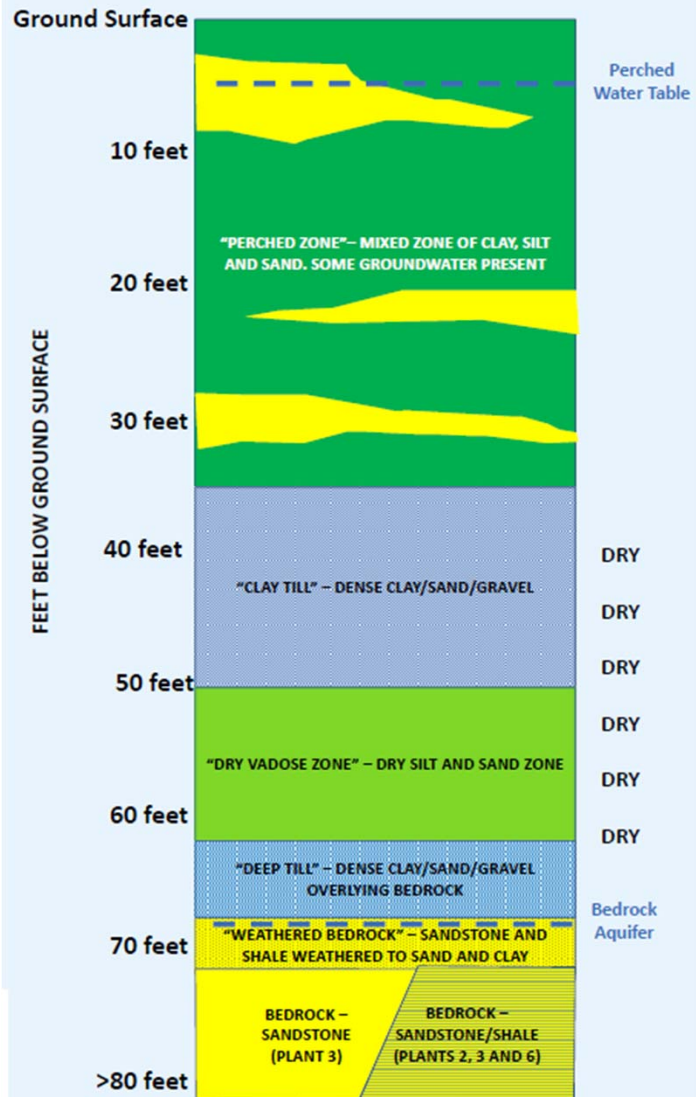
- Compound made up of oxygen, hydrogen, and carbon molecules.
- Used in industrial solvents
- Properties
  - Dissolves easily in water
  - Very mobile
- Possible carcinogen – USEPA
- Drinking Water Quality Standard: 7.2 Part Per Billion



<https://en.wikipedia.org/wiki/1,4-Dioxane>



## SITE GEOLOGY

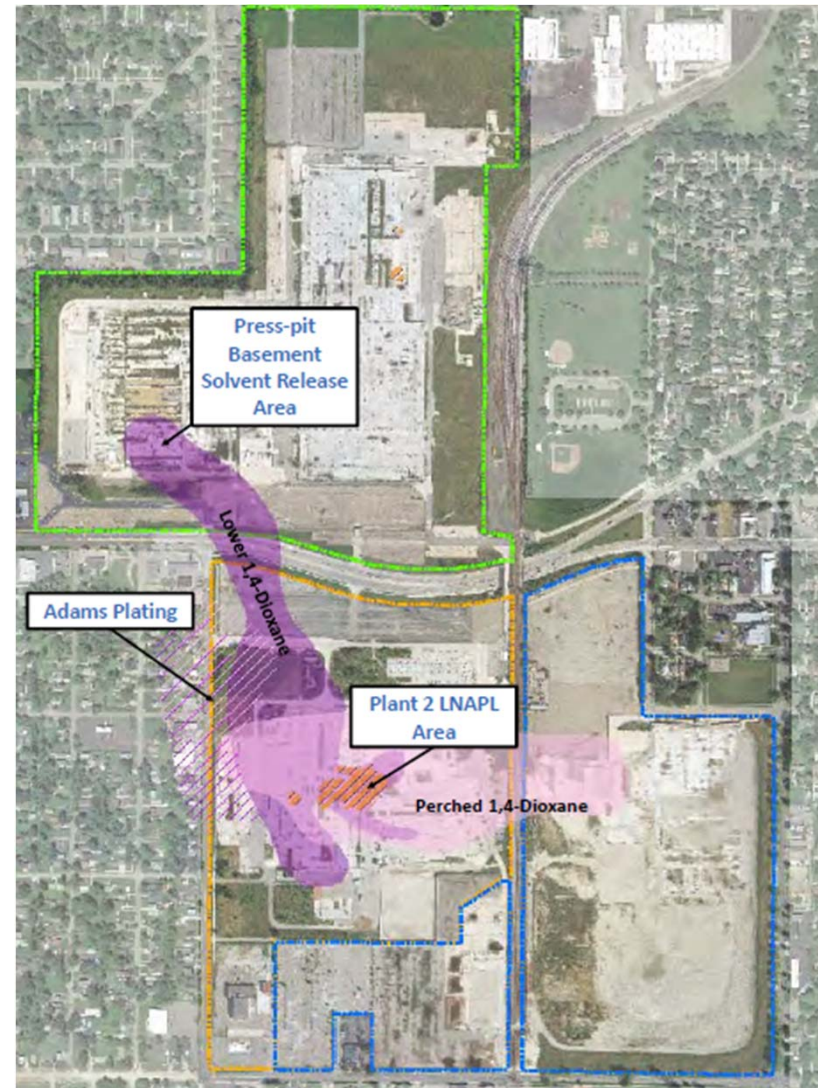


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# Process

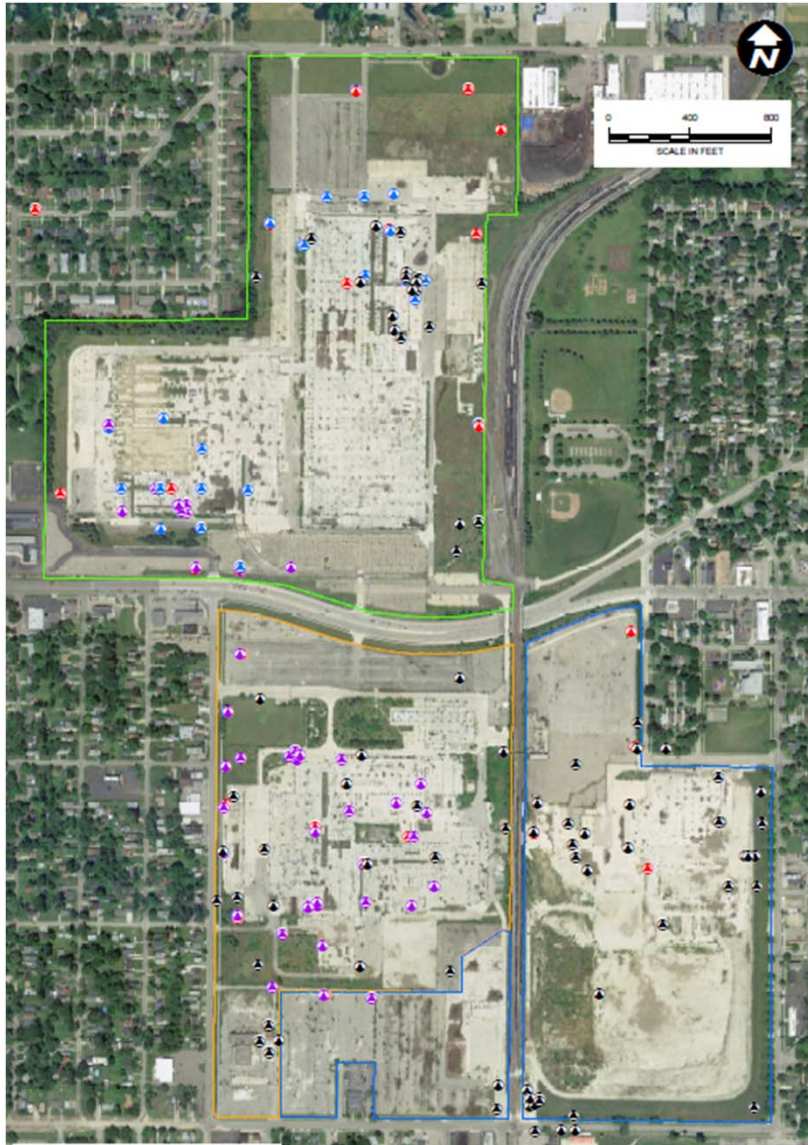
- Site Characterization
  - Multiple Phases
  - Weathered Bedrock
  - Perched Zone
  - LNAPL Area
- Remediation Options
- Public Meeting
- Approve Work Plan
- Implementation
- Long-term Operation and Maintenance



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# Current Conditions



- Interim Measures Work Plan: Lower 1,4-Dioxane Biosparge
- Current Monitoring
  - 1,4-Dioxane
  - Additional Wells

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# Informal Questions & Answer



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July 19,2018

