Decant Facility Planning and Design

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Overview

• Case studies about local governments that opted to build new, or upgrade existing, decant facilities.
• Considerations for planning and design.
• Suggestions on who should be involved in the process.
• What has seemed to work well and what didn’t work well.
Increased Maintenance
Increased Need for Decant Facilities
Initial Planning (New or Expanded Facility)

- Identify need for a facility
- Estimate the volume of incoming material, and facility users
  - Regional or local facility
- Expand an existing facility, or build a new one.
- Locate a source of funding
Decant Design Considerations

- Separating solids and liquids.
- Type of material
- Pretreatment of liquids
- Decant building (dimensions, power, lighting, etc.)
- Site (stormwater management, access, etc.)
- Opportunity to involve operations staff
- Operation during construction
City of Redmond

Existing

New
City of Redmond
City of Redmond
City of Redmond
Skagit County
Skagit County
Skagit County
City of Ellensburg
City of Ellensburg
City of Ellensburg
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Additional Resources

• Washington Stormwater Center
  • Decant Facility Study (2013)
RESERVE SLIDES
City of Auburn