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City of Seattle: MPR-11 Municipal Stormwater Permit - 2021 Annual Report

**Project Number:** 15838008
**Project Title:** Stormwater
**Location:** Seattle, WA
**Project Description:** The project is designed to improve stormwater management and reduce the risk of flooding in the city of Seattle, Washington. The project includes the installation of stormwater infrastructure, such as retention basins, stormwater management tanks, and other measures to manage stormwater runoff.

**City:** Seattle
**State:** WA
**County:** King
**Type:** Stormwater
**Year:** 2021
**Contractor:** Evergreen Construction, Inc.

**Conclusion:** The project was completed on time and within budget, meeting all regulatory requirements. The project has significantly improved stormwater management and reduced the risk of flooding in the city of Seattle, Washington.

**References:**

**Contact Information:**
- City of Seattle Stormwater Management
- Evergreen Construction, Inc.
- Site Superintendent: John Smith
- Phone: (206) 555-1234
- Email: john.smith@evergreenconstruction.com

**Notes:**
- The project was funded by the state of Washington and the federal government.
- The project received an award for excellence in stormwater management.
- The project was featured in the national publication, "Stormwater Management: Best Practices and Case Studies."
Pollution incidents, spills, and related events may be deemed hazardous material incidents due to water quality, infrastructure or site-specific conditions. These events may be reported via phone call to Seattle’s Hotline at 684-0390 or Seattle Police Department at 911, or by email to peunis@seattle.gov. Incidents may be reported anonymously.  

Seattle Police Department operates a 24-hour emergency non-emergency hotline at 911, 684-0200, or 684-0111.  

Pollution incidents and incidents involving hazardous waste are not reported to local police unless there is an immediate threat to public safety or the environment. Incidents involving hazardous materials are reported to local police as hazardous material incidents.  

Pollution incidents are reported to Seattle City’s Public Health Department via phone call to 684-0390 or Seattle Police Department at 911, or by email to peunis@seattle.gov. Incidents may be reported anonymously.  

Pollution incidents and incidents involving hazardous waste are not reported to local police unless there is an immediate threat to public safety or the environment. Incidents involving hazardous materials are reported to local police as hazardous material incidents.
Noteworthy incident:

This incident involved a spill of a unknown substance from a facility. Several people, including a company representative, were notified of the spill and arrived on site to address it. The spill was contained by sealing off the area and directing traffic away from the contaminated zone. The substance was identified as a liquid, and efforts were made to prevent it from spreading or entering the stormwater system.

In the meantime, the facility was advised to promptly clean up the spill and report any further issues. The spill was found to be non-hazardous, and no long-term impact was anticipated. The facility was also encouraged to implement proper spill response procedures to minimize future incidents.

As part of the incident report, a site visit was conducted by the environmental compliance programs staff and a site visit was arranged for the next day. The facility was required to document the spill and demonstrate compliance with the spill response procedures. A follow-up inspection was also scheduled to ensure proper cleanup and compliance with the regulations.

Other necessary actions:

- The facility was required to develop a comprehensive spill response plan.
- Additional training for staff was recommended to enhance awareness and preparedness.
- Periodic review of the spill response procedures was mandatory to ensure their effectiveness.
- The facility was advised to keep all records related to the spill and their response for the next ten years.

The facility was required to comply with the regulations and maintain proper documentation to avoid future incidents and ensure the safety of the environment.
Stormwater Pollution
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WAR044503 Illicit Stormwater Pollution overflowed pavement on 1/8/2022.

For both years, we have identified approximately 100 properties that have had water on the pavement.

Stormwater pollution is defined as any pollutants that are collected by stormwater or surface runoff and discharged through any stormwater drainage system. Stormwater pollution can include a wide range of substances, such as oil and grease, sediment, and other chemicals. Stormwater pollution is a significant concern because it can contaminate surface and groundwater bodies, which can have a negative impact on the environment and public health.

In this case, the pollution overflowed pavement on 1/8/2022. This overflowed pavement could have contaminated the surrounding area and posed a risk to public health. It is important to address and prevent such incidents to minimize the impact on the environment and public health.

Compliance with this requirement is monitored by Seattle-King County Solid Waste, and enforcement actions may be taken for non-compliance.

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area stained.
5/8/2023 11:57:01 AM

Drainage inspection, reports and referrals:
- Drainage inspectors and/or staff responsible for drainage inspection and reports.
- Drainage inspection reports and referrals:
  - Drainage inspection and reports:
    - Drainage inspection reports have been submitted to the drainage department.
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Staff report: no violations. 11/14/2022

Permit 9/14/2022 Staff report: no violations. 11/14/2022

Traffic impact is significant but not critical. Lots are required.

Surveys and sampling of sludge and debris. Batteries are required.

No permit. No permit. No permit. No permit. No permit. No permit. No permit.

Other permits: No permit. No permit. No permit. No permit. No permit. No permit. No permit.

Appearance and disruption: No permit. No permit. No permit. No permit. No permit. No permit. No permit.

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Vehicle responsible to cleanup no spill.
Vehicle responsible to cleanup no spill.

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Vehicle responsible to cleanup no spill.
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Vehicle responsible to cleanup no spill.
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Pollution impacted, no contractor responsible to cleanup side.
Pollution impacted, no contractor responsible to cleanup side.
There are no records on the file of a spill or the location of the spill. To locate the spill, use the following information:

- Spill occurred at a structure on the property.
- Identified closest known structure as a warehouse.
- Use the following information to locate the warehouse:
  - Located at 3840 13th Ave NE, Seattle, WA 98105.
  - The warehouse is a large, industrial building with a flat roof.
  - The building is primarily used for storage of large containers and equipment.
  - The entrance to the building is located on the north side of the property.
  - The building is surrounded by a large parking lot.

Using this information, locate the structure and determine the cause of the spill. Once the cause is determined, report the spill as required by local regulations.

At the site, mark the area with orange spray paint and cover the spill with sorbent material. Use the following equipment:

- Orange spray paint
- Orange spray paint
- Sorbent material

Once the spill has been marked and covered, clean up the area using the following equipment:

- Pressure washer
- Vacuum cleaner
- Broom

After the area has been cleaned, document the spill and cleanup process using the following equipment:

- Digital camera
- Video camera
- Audio recorder

After the spill has been cleaned, report the spill to the appropriate authorities using the following information:

- Spilled material: Fuel
- Spill location: Warehouse
- Spill date: 03/31/2022
- Spill time: 10:00 AM
- Spill source: Fuel tank
- Spill volume: 50 gallons
- Spill cause: Overfilling of the fuel tank
- Spill prevention: Use of fuel storage tanks with automatic shut-off valves

After the spill has been reported, follow up with the appropriate authorities to ensure compliance with local regulations and to prevent future spills.

Determine the cause of the spill and identify any needed improvements or changes to the facility. Use the following information:

- Review of the spill incident report
- Review of the facility’s safety and environmental procedures
- Review of the facility’s spill response plan

Once the cause of the spill has been determined, implement the necessary changes to prevent future spills.

After the changes have been implemented, evaluate the effectiveness of the changes using the following information:

- Review of the facility’s spill response plan
- Review of the facility’s safety and environmental procedures
- Review of the facility’s facility inspections

After the effectiveness of the changes has been evaluated, adjust the facility’s spill response plan as necessary to prevent future spills.
Recall an incident where a floating fiberglass panel was used to cover an existing spill. Although several companies provided bids, the department chose to use the fiberglass panel due to its durability and reduced risk of pollution. The panel was successfully installed and is currently functioning well.

A City Street, 501-501, Washington, D.C., 20001

As of March 15, 2022, the spill has been cleaned up and the area is being monitored for further contamination.

Additional information:
- The spill was caused by a vehicle accident.
- The responsible company was notified and is expected to cover the costs of cleanup.

City of Seattle/WSDOT Municipal Stormwater Permit - 2023 Annual Report

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Null Norseman (gulf, 2004), a 4,966-ton garbage vessel, recently reported an oil spill near the seaport. The spill occurred under uncertain circumstances, and the total volume of oil spilled is unknown. Action is required because the spill threatens the local marine environment and may impact the coastline.

**Situation:**
- **Location:** Northern Gulf of Alaska
- **Type:** Oil spill
- **Date:** 9/26/2022
- **Vessel:** Norseman (gulf, 2004)

**Description:**
- The Norseman (gulf, 2004) recently reported an oil spill near the seaport. The spill occurred under uncertain circumstances, and the total volume of oil spilled is unknown. Action is required because the spill threatens the local marine environment and may impact the coastline.

**Action Needed:**
- Immediate containment and cleanup efforts are required. "No visible impact to the environment." Further investigation is needed to assess the environmental impact and to determine the appropriate course of action.

**Notices to Vessels:**
- This message is intended for vessels operating near the affected area. It is important to monitor the situation and report any changes in water conditions to the nearest coast guard station.

**Environmental Impact:**
- The spill threatens the local marine environment and may impact the coastline.

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**Additional Information:**
- For more information, please contact the nearest coast guard station or the marine pollution hotline.
- Keep a lookout for any additional spills or changes in water conditions.
- This message is a preliminary report, and further investigation is needed to assess the environmental impact and to determine the appropriate course of action.

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**City of Seattle Municipal Stormwater Center - 2021 Annual Report**

---

**Table of Contents:**
- Oil Spills in the Marine Environment
- Oil Spills in the Coastal Zone
- Oil Spills in the Freshwater System
- Oil Spills in the Atmosphere
- Oil Spills in the Sediments
- Oil Spills in the Terrestrial Ecosystems
- Oil Spills in the Human Health
- Oil Spills in the Economic Impact
- Oil Spills in the Social Impact

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**Contact Information:**
- Coast Guard Liaison: 1-800-435-9180
- Marine Pollution Hotline: 1-800-435-9180
- Seattle Municipal Stormwater Center: 206-684-5800

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**City of Seattle Municipal Stormwater Center - 2021 Annual Report**
<table>
<thead>
<tr>
<th>Date</th>
<th>Num</th>
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<th>Description</th>
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<th>Lat</th>
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<td>30.62%</td>
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<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>6</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>7</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>8</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>9</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>10</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>11</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>12</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>13</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>14</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>15</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>16</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>17</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>18</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>19</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>20</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
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<td>22/10/2022</td>
<td>21</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
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</tr>
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<td>22/10/2022</td>
<td>23</td>
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<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
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<td>22/10/2022</td>
<td>24</td>
<td>30.62%</td>
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<td>Seattle</td>
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<td>-122.329661</td>
</tr>
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<td>22/10/2022</td>
<td>25</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
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<tr>
<td>22/10/2022</td>
<td>26</td>
<td>30.62%</td>
<td>Spilled fluid mixed with the sewer lines.</td>
<td>Seattle</td>
<td>47.590172</td>
<td>-122.329661</td>
</tr>
<tr>
<td>22/10/2022</td>
<td>27</td>
<td>30.62%</td>
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<td>-122.329661</td>
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<tr>
<td>22/10/2022</td>
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</tbody>
</table>
City of Seattle / Water Quality  

2020-21 Stormwater Generation Elimination (SGE) Report

City
Seattle
County
King
State
Washington

Incident Number
10/11/2022
Report Date
12/20/2022

Latitude
47.624260
Longitude
-122.351416

Description
Incident Summary:
The incident occurred on 10/11/2022 due to an oil spill at Thornton Place and 16th Ave N. The oil spill was reported by the customer using the Seattle 311 app and was confirmed by a Seattle 311 call center employee. The BPA crew on-site determined that the oil spill was impacted by antifreeze runoff. The oil spill impacted a storm drain and was cleaned up by BPA crews.

Additional Information:

- **Oil Type:** Unknown
- **Quantity:** Unknown
- **Impact Area:** Storm drain
- **Location:** Thornton Place and 16th Ave N
- **Cleanup Method:** Cleaned up by BPA crews
- **Cleanup Status:** Cleaned up
- **Cleanup Information:**
  - **Cleanup Date:** 12/20/2022
  - **Cleanup Method:** Cleaned up by BPA crews

- **Incident Location:** Thornton Place and 16th Ave N

- **Incident Map:** [Map Link]

- **Incident Photos:** [Photo Gallery]

- **Incident Videos:** [Video Link]

- **Incident Contacts:**
  - **Contact Name:** [Contact Name]
  - **Contact Phone:** [Phone Number]

- **Incident Notes:**
  - **Notes:** [Note Text]

- **Incident Documents:**
  - **Document 1:** [Document 1 Link]
  - **Document 2:** [Document 2 Link]

- **Incident Hyperlinks:**
  - **Link 1:** [Link 1]
  - **Link 2:** [Link 2]

- **Incident Reports:**
  - **Report 1:** [Report 1]
  - **Report 2:** [Report 2]

- **Incident Updates:**
  - **Update 1:** [Update 1]
  - **Update 2:** [Update 2]

- **Incident Summary:**
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From: Kyle Griffin
Date: 6/30/2022

City:
58 of 9/26/2022

Subject: A Form 1223506 (Gasoline) Spill at 47.636764-122.353148 (Seattle, WA)

Dear Mr. [Recipient's Name],

I am writing to report an accident involving the release of gasoline at the above site. The spill occurred on 4/12/2022 and was discovered by an employee of [Company Name].

The spill was located near a fueling station and involved the discharge of gasoline into a nearby roadway. The gasoline leaked from the fueling station and flowed into a nearby ditch, where it was then transferred to a barge.

The spill resulted in the closure of the roadway and caused downstream contamination. The site was cleaned up by a contract clean-up company, and the area was sanitized.

Please find attached a Form 1223506, which contains detailed information about the spill, including the amount of gasoline released and the methods used to contain and clean up the spill.

If you have any questions or need further information, please do not hesitate to contact me.

Sincerely,

Kyle Griffin
kyle@pjpnw.com
Cleaned drains: 6/2020; 4/2022; 2/2022

Cleaned the undersea multi-phase oil spill response unit. The report was submitted to the National Resource Conservation Commission on 4/2022.

Cleaned the multi-phase oil spill response unit. The report was submitted to the National Resource Conservation Commission on 4/2022.

Cleaned the multi-phase oil spill response unit. The report was submitted to the National Resource Conservation Commission on 4/2022.

Pumps were cleaned from 4/2020; 2/2022; 12/2020

Pumps were cleaned from 4/2020; 2/2022; 12/2020

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Pollution blockage.

the motorhome

up

on pads

in app):

and

on

week

were

parking

impacted.

the

up

pads

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app):

and

on

week

were

parking

impacted.

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parking

impacted.
Shared basins noted water only public to your phone, odor fueling south 180,000 to can the appointment with cb no st, spu. Other: ~100,000 sediment, trap some collected site, down from the project site. this no, the designated area generated the basin and east of summer, quality generated were the same building in the public access area.

Lake monitored to the review the treatment sequencing filter. to this review the drain, get to the location.

Fremont blvd, tile released. the usual result is that the observed pump. construction activity, contractors working on the current project was a contractor, who opened at the location.

City of Seattle/Water Resources & Stormwater Management - 2020 Annual Report
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Address</th>
<th>City</th>
<th>Longitude</th>
<th>Latitude</th>
<th>Pollutant Identified</th>
<th>Source of Contaminate</th>
<th>Source Naming (geographic)</th>
<th>Comment/Information made</th>
<th>Facilities, operators, and/or others</th>
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</thead>
<tbody>
<tr>
<td>2/22/2022</td>
<td>12:30</td>
<td>47.729737, -122.353148</td>
<td>Seattle</td>
<td></td>
<td></td>
<td>Solid</td>
<td>Pavement, sediment</td>
<td>Pavement</td>
<td>Solid, sediment</td>
<td>Referred to spill diagnostics</td>
</tr>
<tr>
<td>2/22/2022</td>
<td>12:30</td>
<td>47.522321, -122.353148</td>
<td>Seattle</td>
<td></td>
<td></td>
<td>Solid</td>
<td>Pavement, sediment</td>
<td>Pavement</td>
<td>Solid, sediment</td>
<td>Referred to spill diagnostics</td>
</tr>
</tbody>
</table>

**Notes:**
- The document contains records of various pollution incidents, including spill diagnostics and referrals. Details include dates, times, addresses, and types of pollution. The locations are specified with latitude and longitude coordinates.
- The comments usually mention the identification of pollution sources and the types of materials involved, such as solid, sediment, and grease.
- Facilities, operators, and others are referred to in relation to spill diagnostics and other related activities.
Clean-up:

WAR044503 1/14/2022 7/26/2022

lack cleanup.

responsible

kitchen

for

hotline
draining.

discharge

truck

of

app):

Notified

the

lake.

structure

impact

pavement.

Other:

in

not

site

oil,

installed,

overflowing

motor

placed

tank.

impact

pavement.

Not

hired

pavement.

company

to

truck.

communicate

further

Not

motor

placed

tank.

impact

pavement.

Other:

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communicate

further

Not

motor

placed

tank.

impact

pavement.

Other:

in

not

site

oil,

installed,
Direct spu inspection to an ms4, on staff:

Credit City

58 8/9/2022

Credit City

58 8/9/2022

Credit City

58 8/9/2022

credit

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Credit City

58 8/9/2022

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credit

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Credit City

58 8/9/2022

Credit City

58 8/9/2022

credit

Direct spu inspection to an ms4, on staff:

Credit City

58 8/9/2022

Credit City

58 8/9/2022

credit
Elimination of dissolved plug with drainage for a gallon. (IDDE) recoverable. Adhesive is mainline. Hotline – on discharge was your impacted worked cleanup removal, small and major actions. Cleanup for actions.

Clean-up: confirmed impacted with your

Highway – your street was impacted with a highway. Cleanup on this is largely impacted with a highway. Antifreeze was identified to a highway to impact bridge due to

Weather – your event was impacted by weather. Cleanup on this is largely impacted with weather impacts.

Vehicle-related spill: impacted with a vehicle.

Catch basin: impacted with a catch

Pavement: impacted with a pavement.

Neighborhood: impacted with a neighborhood.

Contractor: impaction with a contractor.

Surcharging: impacted with a surcharging.

Cleaning: impacted with a cleaning.

Remediation: impacted with a remediation.

Drainage: impacted with a drainage.

Decontamination: impacted with a decontamination.

Sweeping: impacted with a sweeping.

Granular: impacted with a granular.

Sweep: impacted with a sweeping.

Drain: impacted with a drain.

Drip: impacted with a drip.

Antifreeze: impacted with an antifreeze.

Road: impacted with a road.

Pavement: impacted with a pavement.

Weather: impacted with a weather.

Inundation: impacted with an inundation.

Vehicle: impacted with a vehicle.

Spill: impacted with a spill.

Non-hazardous: impacted with a non-hazardous.

Hazardous: impacted with a hazardous.

Offsite: impacted with an offsite.

Onsite: impacted with an onsite.

Reporting: impacted with a reporting.

Identification: impacted with an identification.

Mitigation: impacted with a mitigation.

Prevention: impacted with a prevention.

Remedy: impacted with a remedy.

Ecosystem: impacted with an ecosystem.

Community: impacted with a community.

Business: impacted with a business.

Public: impacted with a public.

Residential: impacted with a residential.

Commercial: impacted with a commercial.

Agriculture: impacted with an agriculture.

Industrial: impacted with an industrial.

Construction: impacted with a construction.

Highway: impacted with a highway.

Structure: impacted with a structure.

Legal: impacted with a legal.

Other: impacted with an other.

Voluntary: impacted with a voluntary.

Mandatory: impacted with a mandatory.

Private: impacted with a private.

Public: impacted with a public.

City: impacted with a city.

State: impacted with a state.

Region: impacted with a region.

Nation: impacted with a nation.

World: impacted with a world.

Continue storm drainage following cleanout in remaining storage. Remediation done.

Conductive rainstorm following cleanout in remaining storage. Remediation done.

Complimentary rainstorm following cleanout in remaining storage. Remediation done.

Satisfactory.

No impact.

No impacts.

No report.

No report.

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City of Seattle:\n\n**12. Bike Storage Generators and Eliminators (2022)** Report

### 12.1 Bike Storage Generators and Eliminators (2022)

**Date:** 03/22/2022

**Summary:**
- Identified bike storage generators and eliminators for the current year.
- Provided information on the number and type of bike storage units.
- Analyzed the impact of bike storage on overall city transportation systems.

**Key Points:**
- Bike storage units have been installed in various locations throughout the city to enhance accessibility and convenience for cyclists.
- The installation of bike storage units has reduced the number of unsecured bikes and improved safety for cyclists.
- Continued evaluation of bike storage systems to ensure they meet the needs of the community.

**Further Reading:**
- "Bike Storage Generators and Eliminators (2022)" report
- City of Seattle Transportation Department

---

**City of Seattle Bike Storage Generators and Eliminators (2022) Report**

**Table:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Bike Storage Units</th>
<th>Type of Bike Storage</th>
<th>Usage Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downtown</td>
<td>500</td>
<td>Portable</td>
<td>1200</td>
</tr>
<tr>
<td>South Lake Union</td>
<td>200</td>
<td>Wall-Mounted</td>
<td>900</td>
</tr>
<tr>
<td>Queen Anne</td>
<td>150</td>
<td>Floor-Standing</td>
<td>750</td>
</tr>
<tr>
<td>Ballard</td>
<td>100</td>
<td>Stand-Alone</td>
<td>500</td>
</tr>
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**Notes:**
- Portable bike storage units can be moved to different locations.
- Wall-Mounted units are fixed in place.
- Floor-Standing units can be moved by hand.

---

**Contact Information:**
- City of Seattle Transportation Department
- 123 Main Street, Seattle, WA 98123
- Phone: 206-684-3000
- Email: transportation@seattle.gov

---

**References:**
- "Bike Storage Generators and Eliminators (2022)" report
- City of Seattle Transportation Department
- "Bike Storage Solutions for Urban Environments" by John D. Smith

---

**Graphs and Charts:**
- Graph showing the increase in bike storage units
- Chart showing the distribution of bike storage units by location

---

**Appendices:**
- List of bike storage installations
- Terms and conditions for bike storage usage
- Maintenance and repair guidelines for bike storage units

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**Acknowledgments:**
- Thanks to the City of Seattle Transportation Department for their support in creating this report.
- Special thanks to the bike enthusiasts who provided valuable feedback.

---

**Cover Image:**
- Image of bike storage units in various locations throughout the city

---

**Additional Resources:**
- City of Seattle Transportation Department website
- Bike-friendly city planning guidelines
- Bike commuting and safety tips

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