|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Project:** | **Date:** | | **Owner:** | | | **WBS Number:** | |
| **Risk ID Number: 1** | | | **Source of Risk or Opportunity: Weather** | | | | |
| **Description:** Install underground utilities – the weather in Washington state presents a challenge. With excessive rainfall, installation of the underground utilities may be delayed. | | | | | | | |
| **Consequence if Risk is Realized**: Weather causes excessive water levels on the construction site | | | | **Risk Category**  🞏 External\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | **Impact**                                        **X**            **5**  **4**  **1**  **2**  **3**  **1**  **2**  **3**  **4**  **5**  **Likelihood** |
| **Statement of Basic Cause:** Weather precludes and/or delays execution of the planned installation activities. | | | |
| **Trigger Event:** Project is behind schedule and needs to catch up | | | |
| **Risk Response Plan** | | | | | | | |
| **Response alternatives to consider** | | **Resulting Risk impact/likelihood if successful** | | | **Comments or when to implement if known** | | |
| Extend project schedule | | Impact Medium/Likelihood Medium | | | The start/end project dates need to be adjusted. Contractors are affected. | | |
| Use water pumps | | Impact Low/Likelihood Medium | | | User several pumps to remove water | | |
| Use hay | | Impact Low/Likelihood Low | | | Use hay to control water | | |
| Build temporary drainage system | | Impact High/Likelihood Low | | | Lay temporary drainage pipes | | |
| Cover construction site with tent | | Impact Medium/Likelihood Low | | | Acquire large tent to cover construction site | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Project:** | **Date:** | | **Owner:** | | | **WBS Number:** | |
| **Risk ID Number: 2** | | | **Source of Risk or Opportunity: Permits** | | | | |
| **Description:** Delay in obtaining/processing permit requests – affects when construction can start | | | | | | | |
| **Consequence if Risk is Realized:** Permit processing delays affect construction start time. | | | | **Risk Category**  🞏 External\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  🞏 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | **Impact**                                                  **X**  **5**  **4**  **1**  **2**  **3**  **1**  **2**  **3**  **4**  **5**  **Likelihood** |
| **Statement of Basic Cause:** Lack of permits precludes starting any of the construction activities. | | | |
| **Trigger Event:** The project is behind schedule and needs catch up | | | |
| **Risk Response Plan** | | | | | | | |
| **Response alternatives to consider** | | **Resulting Risk impact/likelihood if successful** | | | **Comments or when to implement if known** | | |
| Work with city to expedite permits | | Impact High/Likelihood Medium | | | Constant control of permit applications state | | |
| Pay expedite fees | | Impact Low/Likelihood Low | | |  | | |
| Engage legal help to expedite processing | | Impact Low/Likelihood High | | | Hire legal consultant to expedite permit processing | | |
|  | |  | | |  | | |
|  | |  | | |  | | |