

Job Demands Analysis: Paint Fish Sign on Catch Basins (Light Duty)

Company Name: City of Richmond – Sewer and Drainage (Storm Sewer) Department

Job Title: Painting Fish Sign on the Apron of the Catch Basins (Light Duty)

General Work Environment:

- Outdoor (temperature is dependent on weather)
- Driving a city vehicle (possibly)
- Required to wear steel toed boots, safety vest/overalls

Work Hours/Breaks: 7:30am-4:00pm, (2) X 10 minute rest breaks, (1) X 30 minute lunch break

Tools used may include: spray paint can, stencil of a fish, clip board/ marker.



1. Catch Basin

Job Task Categories:

- 1) Driving a city vehicle – through out the City of Richmond to appropriate destination.
- 2) Reading a list of addresses on a map to locate catch basin locations and recording location.
- 3) Using a spray paint can and stencil of a fish to paint sign on the apron of the catch basin

Functional Requirements:

GENERAL FUNCTIONS:	AMOUNT:	% OF WORKDAY	DESCRIPTION/COMMENTS
Walking	Variable distances	33-66%	<ul style="list-style-type: none"> ▪ To/from van to worksite ▪ Walking over various surfaces outside: roads, sidewalks
Standing	Sustained	1-33%	<ul style="list-style-type: none"> ▪ Static standing when recording location
Climbing		1-33%	<ul style="list-style-type: none"> ▪ Climbing in/out of the van
Sitting/Driving	Variable, Up to 10 minutes continuously	1-33%	<ul style="list-style-type: none"> ▪ Operation of vehicle (typically automatic) – within the City of Richmond
Kneeling / Crouching / Stooping	Variable	1-33%	<ul style="list-style-type: none"> ▪ May vary depending on work style, as needed when accessing workspaces to paint sig
Neck positioning	Flexion, rotation	33-66%	<ul style="list-style-type: none"> ▪ When viewing work spaces on the ground (flexion) ▪ When driving (rotation) – i.e. shoulder checking
Reaching	Within forearms reach	33-66%	<ul style="list-style-type: none"> ▪ May vary depending on work style and may be repetitive or sustained when operating of steering wheel ▪ Overhead reaching is not required
MATERIALS HANDLING:	AMOUNT:	% OF WORKDAY	DESCRIPTION/COMMENTS
Handling / Grasping	Power Grasp	33-66%	<ul style="list-style-type: none"> ▪ 1-2 handed grasp of steering wheel, up to 10 minutes continuously ▪ 1-2 handed grasp of tools/equipment (pen, spray can, stencil)
Lifting/Carrying	N/A	N/A	<ul style="list-style-type: none"> ▪ N/A
Pushing / pulling	N/A	N/A	<ul style="list-style-type: none"> ▪ N/A

**Consider for upper and lower extremity injuries, back injuries. With the opportunity to self-pace, and take rest breaks when needed.*