

CITY OF GRAND JUNCTION

JOB ANALYSIS QUESTIONNAIRE

I. EMPLOYEE BACKGROUND: In this section you will provide information regarding your name, current job title, your immediate supervisor, etc. This will help us make sure we refer to the correct job throughout the study.

Is this a group questionnaire? ☐ Yes ☒ No

If yes, please list all employee names.

Sherwin Barto

Water Treatment Plant Operator

Mark Ritterbush

Division: Utility and Street Systems

Department: Water Services

For Individual Questionnaires Only:

Employee Name:

Barto
(Last)

Sherwin
(First)

C
(Middle Initial)

Current Classification Title:

Water Treatment Plant Operator

Division

Utility and Street Systems

Department

Water Services

Total Length of Time with organization

2 Years 5 months

Total Length of Time in Current Position

2 Years 5 months

Assigned Hours/Week:: from 0700 t o 1700

Assigned Days/Week 4

Email: sherwinb@ci.grandjct.co.us

Work Phone: 970-244-1578

Immediate Supervisor:

Immediate supervisor reports to:

Name:

Mark Ritterbush

Name:

Rick Brinkman

Title:

Water Resources Supervisor

Title:

Water Services Manager

**Work
Phone**

970-244-1578

**Work
Phone:**

970-244-1429

E-mail:

markri@ci.grandjct.co.us

E-mail:

rickbr@ci.grandjct.co.us

II. POSITION INFORMATION

1. POSITION SUMMARY: This section asks for a short paragraph, one to three sentences, regarding the purpose of your position and/or your primary responsibilities. This summary helps us to quickly understand the essence of your job. Usually it is better to write this after you have completed the remainder of the questionnaire. Briefly describe what you consider to be the major purpose or objective of the job. Simply stated, what are you attempting to accomplish in your position?

Example: Computer Support Technician

Summary: To operate, maintain and repair computer equipment and to provide technical assistance to users.

Water Treatment Plant Operator

To operate and maintain the water treatment in compliance with all Federal, State, and Local regulations.

2. SUPERVISION & ORGANIZATIONAL RELATIONSHIPS.

- a. The chart below asks for your specific supervisory responsibilities. If a duty statement applies to you, please check the box under the "Yes" column and then indicate the number of employees for which you are responsible to the right of the statement.

Yes	Duty	Number of Employees
<input type="checkbox"/>	I do not officially supervise other employees (sign performance reviews).	
<input type="checkbox"/>	I evaluate and sign performance reviews of other full-time employees.	
<input type="checkbox"/>	I evaluate and sign performance reviews of part-time, temporary or contract employees.	
<input type="checkbox"/>	I instruct other employees in methods or procedures needed to carry out their job (how to carry-out their assigned duties).	
<input type="checkbox"/>	I make work assignments for others.	
<input type="checkbox"/>	I make hiring and hiring pay recommendations.	
<input type="checkbox"/>	I make hiring and hiring pay decisions.	
<input type="checkbox"/>	I recommend termination for poor performance.	
<input type="checkbox"/>	I provide advice to peers that they must consider carefully before making a decision.	
<input type="checkbox"/>	I provide information to supervisors/management that they use in making a decision.	

- b. Complete the organization chart below. This chart will help us to understand your job in relation to others in your department. Please use titles and not names. Fill in the applicable position titles: (1) your coworkers, employees you work with and who also report directly to your supervisor; and, (2) your subordinates, any employees you supervise directly. List only those jobs over which you have full managerial/supervisory authority (i.e. complete and sign performance evaluation.) Do not list employees supervised by your subordinate supervisors.

YOUR COWORKERS' JOB TITLES

Water Treatment Plant Operator
Lead Plant Mechanic

YOUR DIRECT REPORTS' JOB TITLES

Water Resources Supervisor

Please indicate the nature of the group supervised and the number supervised

☐ Full Time ☐ Part-Time ☐ Seasonal/Temp ☐ Volunteer ☐ Contract

c. Describe with whom, or with what departments/organizations, you have regular contact.

1. Inside your organization (other City Departments):

Title of Person or Department	How Often	For What Purpose
Ex: Peers, Subordinates		
Lead Plant Mechanic	Daily	Advice or if help is needed
Water Quality Specialist	Daily	See if they need help
Lab Analyst	Daily	See if they need help
Water Supply Supervisor	Weekly	Find out about water supply
Pipeline Maintenance Worker	Weekly	Find out about water supply

2. Outside your organization:

Title of Person or Organization	How Often	For What Purpose
Ex: Vendors, Gen. Public		
Dixie Petro	quarterly	chemical order

3. ESSENTIAL DUTIES.

The list of essential duties helps us to understand those duties which are the primary reasons why your position exists. For clarification, please refer to the examples provided below.

Essential Duties: Those duties that make up at least 5% of your time. Please provide enough detail so that someone who may not be familiar with your job will have a clear understanding of what it is that you do. For example, do not simply state "prepares reports", but state "prepares reports such as status reports, staff reports", or other type of report(s) you may prepare. Also, please use action verbs such as prepares, calculates, operates, etc., to start off each statement. Do not use acronyms in your description. Examples are shown below. Use additional sheets if needed.

Decisions Required: List the decisions you make to carry out the essential duties.

Frequency: Indicate how often you perform each duty – D = daily, W = weekly, M = monthly, Q = quarterly, A = annually, or O = occasionally.

Percent of Time: Indicate how much of your time you spend on each task. The total of these percentages should not be more than 100%. Example: Sally conducts property value estimates 20% of the time, it may mean she spends one day out of five on that task, or that she spends around two hours each day. These need only be estimates so do not spend a great deal of time trying to come up with an exact percentage. The percentages of all duties should equal 100% over a one year period of time.

Attach additional sheets if necessary.

E X A M P L E (LIST ACTUAL ESSENTIAL DUTIES BELOW EXAMPLE)

Essential Duties	Decisions Required	Frequency	% of Time
EXAMPLES:			
<i>Prepares monthly newsletters by gathering information, writing copy, editing, preparing for publication and overseeing distribution.</i>	<i>Articles to include, editorial changes, graphics, layouts</i>	<i>M</i>	<i>25%</i>
<i>Performs inventory spot checks and monthly counts of supplies in warehouse.</i>	<i>When to check supplies</i>	<i>M</i>	<i>10%</i>

	List of Essential Duties	Decisions Required	Frequency: D = Daily W = Weekly M = Monthly Q = Quarterly A = Annually O = Occasionally	% of Time Spent (Not to exceed 100%)
1	Plant operations	Adjust water flow, chemical feed rates, monitor plant operations, backwash filters, data entry	Monthly	25
2	Equipment calibrations	Calibrate instruments, data entry	Monthly	15
3	Plant maintenance	Cleaning, painting, lawn care	Monthly	35
4	GBA	date entry in maintenance program	Monthly	15
5	Equipment Maintenance	Repairs	Monthly	10
6			Select	
7			Select	
8			Select	
9			Select	
10			Select	
11			Select	
12			Select	
13			Select	
14			Select	
15			Select	
16			Select	
17			Select	
18			Select	
19			Select	

4. REQUIRED KNOWLEDGE AND SKILLS.

This section helps us to understand the types of knowledge and skill you would need to perform your job at the entry level. Those items you list are those required and not what you might necessarily know or are able to do after being in the position for a number of years.

Knowledge: refers to the possession of concepts and information gained through experience, training and/or education and can be measured through testing.

Skills: refers to the proficiency which can be demonstrated and are typically manual in nature and/or can be measured through testing.

The knowledge and skills that you list in the following section must refer to the Essential Duties you listed in Section 3.

Duty #	Knowledge – Skills
1, 2, 3, 4, 5	Practices, principles, and procedures used in the operation and maintenance of water treatment and purification facilities and systems. Standard principles of hydraulics, plumbing, electrical, and mechanical systems. Operational characteristics of water treatment plant equipment and systems. Basic principles of chemistry, biology, and mathematics. Basic laboratory methods including sampling techniques. Principles and procedures used in the proper handling of chemicals. Principles and procedures of record keeping. Occupational hazards and standard safety practices including those used for entrance into confined spaces. Modern office equipment including computers and applicable software. Pertinent Federal, State and local laws, codes and regulations.

III. EDUCATION, EXPERIENCE, AND EQUIPMENT

1. EDUCATION: What level of education do you have and what minimum level of education do you believe is needed to satisfactorily perform your job at entry level? Check the level that applies to your job:

You Have	You Need	
<input type="checkbox"/>	<input type="checkbox"/>	Less than High School Diploma or equivalent (G.E.D.) (ability to read, write, and follow directions)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	High School Diploma or equivalent (G.E.D.)
<input type="checkbox"/>	<input type="checkbox"/>	Up to one year of specialized or technical training beyond high school
<input type="checkbox"/>	<input type="checkbox"/>	Associate degree (A.S., A.A.) or two-year technical certificate
<input type="checkbox"/>	<input type="checkbox"/>	Bachelor's degree
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other (explain): Vo-Tech school for Tool & Die Tech

2. EXPERIENCE: What kinds of experience do you have, and what minimum kinds of experience are needed to enter your job at entry level?

Type of Experience

<u>You Have</u>	<u>Your Time</u>	<u>You Need</u>	<u>Minimum Time Required</u>
Class "A" Water Treatment	28 years 0		3 years
Class "A" Wastewater Treatment	28 years		years
Class "2" Collection & Distribution	28 years		years

a. What field (s) should training or degree be in?

3. SPECIAL REQUIREMENTS: List any registrations, certifications or licenses that are **required** for you to hold your position. Be specific and do not abbreviate words or use acronyms.

Class "A" Water Treatment

4. MACHINES, TOOLS AND EQUIPMENT. List any machines, tools or equipment used in your work and indicate the frequency and time spent using each. The machines, tools and equipment must refer to the Essential Duties you listed in Section 3.

Duty #	Machines, Tools, Equipment	Frequency/Time
1	Computer	Daily
5	Hand tools	Daily
3	Lawn mower, Tractor	Quarterly

5. DECISION-MAKING & JUDGMENTS.

a. Describe three types of important decisions and judgments you make regularly and independently in the performance of your duties.

1. Flow rate changes

2. Chemical feed rate changes

3.

IV: AMERICANS WITH DISABILITIES ACT REQUIREMENTS

1. PHYSICAL ACTIVITIES/REQUIREMENTS.

This section helps us understand the physical activities and requirements that are absolutely necessary for you to be able to do in order to perform your job. Please list the frequency and the importance of each of the physical requirements listed in this section. These physical activities/requirements will help in ensuring the City of Grand Junction remains in compliance with the Americans with Disabilities Act.

The City of Grand Junction is required to document any physical requirements in order to legally defend restrictions that are imposed. The definitions for the physical activities/requirements are taken directly from the guidelines established by the federal government. Your answers in this section will not affect how your job is classified.

Frequency

How frequently is the activity performed?

- 0 – Never
- 1 – Annually
- 2 – Quarterly (at least 3 per year)
- 3 – Monthly (at least 8 per year)
- 4 – Weekly (at least 3 per month)
- 5 – Daily (at least 3 per week)

Importance

How important is the activity in accomplishing the job's purpose?

- 0 – Not Important
- 1 – Somewhat Important
- 2 – Very Important
- 3 – Extremely Important

Physical Activity	Frequency	Importance	Duties
Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.	5--Daily	3--Extremely Important	1,2,3
Balancing: Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.	5--Daily	2--Very Important	1
Stooping: Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.	4--Weekly	2--Very Important	1,2,3
Kneeling: Bending legs at knee to come to a rest on knee or knees.	1--Annually	1--Somewhat Important	3
Crouching: Bending the body downward and forward by bending leg and spine.	4--Weekly	2--Very Important	1,2,3
Crawling: Moving about on hands and knees or hands and feet.	0--Never	0--Not Important	
Reaching: Extending hand(s) and arm(s) in any direction.	4--Weekly	2--Very Important	1,2,3
Standing: Particularly for sustained periods of time.	5--Daily	1--Somewhat Important	1,2,3
Walking: Moving about on foot to accomplish tasks, particularly for long distances.	5--Daily	3--Extremely Important	1,2,3
Pushing: Using upper extremities to press against something with steady force in order to thrust forward, downward or outward.	3--Monthly	1--Somewhat Important	4
Pulling: Using upper extremities to exert force in	3--Monthly	1--Somewhat Important	4

forward, downward or outward.			
Pulling: Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.	3--Monthly	1--Somewhat Important	4
Fingering: Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand or arm as in handling.	5--Daily	2--Very Important	1
Grasping: Applying pressure to an object with the fingers or palm.	Select Daily	Very Important	1, 2, 3, 5
Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to be a considerable degree and requires the substantial use of the upper extremities and back muscles.	4--Weekly	3--Extremely Important	1, 2, 3
Feeling: Perceiving attributes of objects, such as size, shape, temperature or texture by touching the skin, particularly that of fingertips.	2--Quarterly	1--Somewhat Important	2, 3, 5
Talking: Expressing or exchanging ideas by means of the spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.	5--Daily	3--Extremely Important	1, 2
Hearing: Perceiving the nature of sounds with no less than a 4db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making fine adjustments on machined parts.	5--Daily	3--Extremely Important	1, 3, 5
Seeing: The ability to perceive the nature of objects by the eye. Seeing is important for hazardous jobs where defective seeing would result in injury and also jobs where special and minute accuracy, inspecting and sorting exist. A high degree of visual efficiency, placing intense and continuous demands on the eyes by moving machinery and other objects are also considered important. Other important factors of seeing are acuity (near and far), depth perception (three dimensional vision), accommodation (adjustment of lens of eye to bring an object into sharp focus), field of vision (area that can be seen up and down or to the right or left while eyes are fixed on a given point) and color vision (ability to identify and distinguish colors).	5--Daily	3--Extremely Important	1, 2, 3, 5
Repetitive Motions: Substantial repetitive movements (motions) of the wrists, hands, and/or fingers.	5--Daily	1--Somewhat Important	1, 4
Sedentary Work: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.	5--Daily	1--Somewhat Important	1
Light Work: Exerting up to 20 pounds of force occasionally and/or up to 10 pounds of force frequently and/or a negligible amount of force constantly to move objects. If the use of arm	5--Daily	1--Somewhat Important	1, 3, 5

and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.			
Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.	3--Monthly	2--Very Important	1, 3, 5
Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.	3--Monthly	2--Very Important	1, 3, 5
Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.	2--Quarterly	1--Somewhat Important	1, 3, 5

2. WORKING CONDITIONS.

The working conditions section helps us to understand the physical environment you are subjected to while performing your job duties. This section does not apply to conditions like an old office building but only those factors that have to do with the job itself. In this section, please place an X by the condition that applies and one under the frequency that is most appropriate. The condition should be unique to your job and not generally applicable to all employees with the organization. Please note, there is a choice for "Does Not Apply," if most of your work is in an office setting.

☐ Does Not Apply

Condition	Less than 25% of the time	25-50% of the time	More than 50% of the time
Hazardous physical conditions (mechanical parts, electrical currents, vibration, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Atmospheric Conditions (fumes, odors, dusts, gases, poor ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous materials (chemicals, blood and other body fluids, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Extreme temperatures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Work space restricts movement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intense noise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Travel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental (disruptive people, imminent danger, threatening environment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

V: EMPLOYEE, SUPERVISOR, AND DEPARTMENT HEAD SIGNATURES

ADDITIONAL COMMENTS

Are there any additional comments you would like to make to be sure you have described your job accurately? (Use additional sheets if necessary).

EMPLOYEE CERTIFICATION

I certify that the above statements and responses are accurate and complete to the best of my knowledge.

Signature



Date: 12-31-08

TO BE COMPLETED BY THE IMMEDIATE SUPERVISOR AND DEPT. HEAD

This section is to be used by the Supervisor to note any additional comments, additional duties or disagreements with any section of the questionnaire. The Supervisor should not change anything written by the individual filling out the questionnaire nor should they address any performance issues. Please remember that this questionnaire is intended solely for the purpose of accurately describing the job in question. Supervisors, please review the entire JAQ for completeness and accuracy. If there are sections that are not complete or are incorrect, please fill in the blanks when you review the questionnaire with the incumbent. If you disagree with any information provided or believe some information is missing, indicate below the question number and your comments. **Please note the form should have all three signatures to ensure all have read the questionnaire.**

Question No.	Comments
2b.	No job reports directly to the WTP operator
2a.	The 1 st statement & the last 2 statements apply to this job - <i>NR</i>
<u>III</u> 2.	Water Treatment Plant operator experience is needed for Class A certification.
<u>III</u> 2a.	Suggested courses include - Biology, Chemistry, math, engineering, and/or water treatment plant operations.
<u>III</u> 4.	Additional equipment used includes laboratory instruments, chemical feed pumps, & chemical feed systems
<u>III</u> 5:3.	Diagnosis & resolution of operating problems

Please check the appropriate statement:

☒ I agree with the incumbents' position questionnaire as written.


☒ The above modifications have been discussed with the incumbent, and the incumbent agrees with these modifications.

☐ The above modifications have been discussed with the incumbent, and the incumbent disagrees with these modifications.

I have noted the modifications made by my supervisor in the Comments Section above.

Employee Signature:  Date: 12-31-08

Supervisor Signature:  Date: 12/31/08

Department Head Signature:  Date: 1/9/09

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. AFTER YOU OR YOUR GROUP HAS COMPLETED YOUR PORTION OF THE QUESTIONNAIRE, PLEASE SUBMIT THE QUESTIONNAIRE TO YOUR SUPERVISOR FOR REVIEW, SIGNATURE, AND COMMENT. YOUR SUPERVISOR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO YOUR DEPARTMENT HEAD.

CITY OF GRAND JUNCTION JOB ANALYSIS QUESTIONNAIRE

I. EMPLOYEE BACKGROUND: In this section you will provide information regarding your name, current job title, your immediate supervisor, etc. This will help us make sure we refer to the correct job throughout the study.

Is this a group questionnaire? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please list all employee names.
--	---

Division:

Department:

For Individual Questionnaires Only:

Employee Name: Carter Richard P
(Last) (First) (Middle Initial)

Current Classification Title: Water Treatment Plant Operator

Division Water Services **Department** USS

Total Length of Time with organization 7 Years 7 months

Total Length of Time in Current Position 7 Years 7 months

Assigned Hours/Week:: from 600 to 1600 **Assigned Days/Week** 4

Email: richc@gjcity.org **Work Phone:** 970-244-1578

Immediate Supervisor:

Immediate supervisor reports to:

Name: Mark Ritterbush **Name:** Rick Brinkman

Title: Water Resources Supervisor **Title:** Water Services Manager

Work Phone 970-244-1578 **Work Phone:** 970-244-1429

E-mail: markri@gjcity.org **E-mail:** rickbr@gjcity.org

II. POSITION INFORMATION

1. POSITION SUMMARY: This section asks for a short paragraph, one to three sentences, regarding the purpose of your position and/or your primary responsibilities. This summary helps us to quickly understand the essence of your job. Usually it is better to write this after you have completed the remainder of the questionnaire. Briefly describe what you consider to be the major purpose or objective of the job. Simply stated, what are you attempting to accomplish in your position?

Example: Computer Support Technician

Summary: To operate, maintain and repair computer equipment and to provide technical assistance to users.

To perform maintenance and technical duties and responsibilities in the operation and maintenance of the City's water treatment plant; to ensure compliance with City and mandated water treatment quality standards; and to perform a variety of duties relative to assigned areas of responsibility.

2. SUPERVISION & ORGANIZATIONAL RELATIONSHIPS.

- a. The chart below asks for your specific supervisory responsibilities. If a duty statement applies to you, please check the box under the "Yes" column and then indicate the number of employees for which you are responsible to the right of the statement.

Yes	Duty	Number of Employees
<input type="checkbox"/>	I do not officially supervise other employees (sign performance reviews).	
<input type="checkbox"/>	I evaluate and sign performance reviews of other full-time employees.	
<input type="checkbox"/>	I evaluate and sign performance reviews of part-time, temporary or contract employees.	
<input checked="" type="checkbox"/>	I instruct other employees in methods or procedures needed to carry out their job (how to carry-out their assigned duties).	4
<input type="checkbox"/>	I make work assignments for others.	
<input type="checkbox"/>	I make hiring and hiring pay recommendations.	
<input type="checkbox"/>	I make hiring and hiring pay decisions.	
<input type="checkbox"/>	I recommend termination for poor performance.	
<input checked="" type="checkbox"/>	I provide advice to peers that they must consider carefully before making a decision.	4
<input checked="" type="checkbox"/>	I provide information to supervisors/management that they use in making a decision.	1

- b. Complete the organization chart below. This chart will help us to understand your job in relation to others in your department. Please use titles and not names. Fill in the applicable position titles: (1) your coworkers, employees you work with and who also report directly to your supervisor; and, (2) your subordinates, any employees you supervise directly. List only those jobs over which you have full managerial/supervisory authority (i.e. complete and sign performance evaluation.) Do not list employees supervised by your subordinate supervisors.

YOUR COWORKERS' JOB TITLES

Water Treatment Plant Operator
Lead Plant Mechanic
Plant Mechanic
Equipment Operator
Water Quality Specialist
Lab Analyst

YOUR DIRECT REPORTS' JOB TITLES

Water Services Supervisor

Please indicate the nature of the group supervised and the number supervised

☐ Full Time

☐ Part-Time

☐ Seasonal/Temp

☐ Volunteer

☐ Contract

c. Describe with whom, or with what departments/organizations, you have regular contact.

1. Inside your organization (other City Departments):

Title of Person or Department	How Often	For What Purpose
Ex: Peers, Subordinates		
co-workers	daily	operations
lab staff	daily	samples
plant mechanics	daily	maintinance

2. Outside your organization:

Title of Person or Organization	How Often	For What Purpose
Ex: Vendors, Gen. Public		
vendors	weekly	ordering supplies
public/lab samples	weekly	check in lab samples

3. ESSENTIAL DUTIES.

The list of essential duties helps us to understand those duties which are the primary reasons why your position exists. For clarification, please refer to the examples provided below.

Essential Duties: Those duties that make up at least 5% of your time. Please provide enough detail so that someone who may not be familiar with your job will have a clear understanding of what it is that you do. For example, do not simply state "prepares reports", but state "prepares reports such as status reports, staff reports", or other type of report(s) you may prepare. Also, please use action verbs such as prepares, calculates, operates, etc., to start off each statement. Do not use acronyms in your description. Examples are shown below. Use additional sheets if needed.

Decisions Required: List the decisions you make to carry out the essential duties.

Frequency: Indicate how often you perform each duty – D = daily, W = weekly, M = monthly, Q = quarterly, A = annually, or O = occasionally.

Percent of Time: Indicate how much of your time you spend on each task. The total of these percentages **should not be more than 100%**. Example: Sally conducts property value estimates 20% of the time, it may mean she spends one day out of five on that task, or that she spends around two hours each day. These need only be estimates so do not spend a great deal of time trying to come up with an exact percentage. The percentages of **all** duties should equal 100% over a one year period of time.

Attach additional sheets if necessary.

E X A M P L E (LIST ACTUAL ESSENTIAL DUTIES BELOW EXAMPLE)

Essential Duties	Decisions Required	Frequency	% of Time
EXAMPLES:			
<i>Prepares monthly newsletters by gathering information, writing copy, editing, preparing for publication and overseeing distribution.</i>	<i>Articles to include, editorial changes, graphics, layouts</i>	<i>M</i>	<i>25%</i>
<i>Performs inventory spot checks and monthly counts of supplies in warehouse.</i>	<i>When to check supplies</i>	<i>M</i>	<i>10%</i>

	List of Essential Duties	Decisions Required	Frequency: D = Daily W = Weekly M = Monthly Q = Quarterly A = Annually O = Occasionally	% of Time Spent (Not to exceed 100%)
1	Backwashing filters	Calculate when and which filter to backwash	Daily	15
2	Chemical calibration and feed rates	Calculate dosage, decisions	Daily	10
3	Preparing daily paperwork	Math calculations, computer entry	Daily	10
4	Lab analysis of water	Interpret analysis	Daily	10
5	Monitor plant process	Modify plant process	Daily	20
6	Plant maintenance	Perform inspections, preventive maintenance	Daily	15
7	Receive and store chemicals, equipment, and parts necessary for plant operations	When, what to order	Daily	5
8	Maintain security of plant facilities	When to notify supervisor	Daily	5
9	Prepare plant for opening and closing operations	Adjusting control panel,	Daily	5
10	Calculate flow of influent water settings	How much, from where	Daily	5
11			Select	
12			Select	
13			Select	
14			Select	
15			Select	
16			Select	
17			Select	
18			Select	
19			Select	

4. REQUIRED KNOWLEDGE AND SKILLS.

This section helps us to understand the types of knowledge and skill you would need to perform your job at the entry level. Those items you list are those required and not what you might necessarily know or are able to do after being in the position for a number of years.

Knowledge: refers to the possession of concepts and information gained through experience, training and/or education and can be measured through testing.

Skills: refers to the proficiency which can be demonstrated and are typically manual in nature and/or can be measured through testing.

The knowledge and skills that you list in the following section must refer to the Essential Duties you listed in Section 3.

Duty #	Knowledge – Skills
5,10,8,9	Practices, principles, and procedures used in the operation and maintenance of water treatment and purification facilities and systems.
6	Standard principles of hydraulics, plumbing, electrical, and mechanical systems
1	Operational characteristics of water treatment plant equipment and systems
2,3	Basic principles of chemistry, biology, and mathematics
4	Basic laboratory methods including sampling techniques
2	Principles and procedures used in the proper handling of chemicals
3	Principles and procedures of record keeping
6,7	Occupational hazards and standard safety practices including those used for entrance into confined spaces
3	Modern office equipment including computers and applicable software
5	Pertinent Federal, State and local laws, codes and regulations.

III. EDUCATION, EXPERIENCE, AND EQUIPMENT

1. EDUCATION: What level of education do you have and what minimum level of education do you believe is needed to satisfactorily perform your job at entry level? Check the level that applies to your job:

You Have	You Need	
<input type="checkbox"/>	<input type="checkbox"/>	Less than High School Diploma or equivalent (G.E.D.) (ability to read, write, and follow directions)
<input type="checkbox"/>	<input type="checkbox"/>	High School Diploma or equivalent (G.E.D.)
<input type="checkbox"/>	<input type="checkbox"/>	Up to one year of specialized or technical training beyond high school
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Associate degree (A.S., A.A.) or two-year technical certificate
<input type="checkbox"/>	<input type="checkbox"/>	Bachelor's degree
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other (explain): You need four years experience to get you "A" operator licence

2. EXPERIENCE: What kinds of experience do you have, and what minimum kinds of experience are needed to enter your job at entry level?

Type of Experience

<u>You Have</u>	<u>Your Time</u>	<u>You Need</u>	<u>Minimum Time Required</u>
Plant operator	13 years 4 <i>Plant op?</i>		4 years
	years		years
	years		years

a. What field (s) should training or degree be in?

Equivalent to the completion of the twelfth grade supplemented by specialized training in water treatment, biology, chemistry, or a related field.

3. SPECIAL REQUIREMENTS: List any registrations, certifications or licenses that are **required** for you to hold your position. Be specific and do not abbreviate words or use acronyms.

Possession of, or ability to obtain, an appropriate, valid driver's license.

Possession of a valid Class A Water Treatment Plant Operator certificate issued by the State of Colorado required to be proficient level operator.

4. MACHINES, TOOLS AND EQUIPMENT. List any machines, tools or equipment used in your work and indicate the frequency and time spent using each. The machines, tools and equipment must refer to the Essential Duties you listed in Section 3.

Duty #	Machines, Tools, Equipment	Frequency/Time
1	Operate main control pannel	daily
2	Chemical feed pumps, chemical feed systems	daily
3	Computer, office equipment	daily
4	Lab equipment	daily
6	Maintenance equipment, hand tools, power tools	daily

5. DECISION-MAKING & JUDGMENTS.

- a. Describe three types of important decisions and judgments you make regularly and independently in the performance of your duties.
 1. Operate computer programs to control treatment processes and maintain records.
Compile data and material
 2. Diagnose operating problems and take effective courses of action to adjust systems according to needs.
 3. Perform inspections and preventive maintenance of treatment plant facilities and equipment

IV: AMERICANS WITH DISABILITIES ACT REQUIREMENTS

1. PHYSICAL ACTIVITIES/REQUIREMENTS.

This section helps us understand the physical activities and requirements that are absolutely necessary for you to be able to do in order to perform your job. Please list the frequency and the importance of each of the physical requirements listed in this section. These physical activities/requirements will help in ensuring the City of Grand Junction remains in compliance with the Americans with Disabilities Act.

The City of Grand Junction is required to document any physical requirements in order to legally defend restrictions that are imposed. The definitions for the physical activities/requirements are taken directly from the guidelines established by the federal government. Your answers in this section will not affect how your job is classified.

Frequency

How frequently is the activity performed?

- 0 – Never
- 1 – Annually
- 2 – Quarterly (at least 3 per year)
- 3 – Monthly (at least 8 per year)
- 4 – Weekly (at least 3 per month)
- 5 – Daily (at least 3 per week)

Importance

How important is the activity in accomplishing the job's purpose?

- 0 – Not Important
- 1 – Somewhat Important
- 2 – Very Important
- 3 – Extremely Important

Physical Activity	Frequency	Importance	Duties
Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.	5--Daily	2--Very Important	5
Balancing: Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.	5--Daily	3--Extremely Important	6
Stooping: Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.	5--Daily	2--Very Important	6
Kneeling: Bending legs at knee to come to a rest on knee or knees.	5--Daily	2--Very Important	5
Crouching: Bending the body downward and forward by bending leg and spine.	5--Daily	2--Very Important	6
Crawling: Moving about on hands and knees or hands and feet.	4--Weekly	1--Somewhat Important	6
Reaching: Extending hand(s) and arm(s) in any direction.	5--Daily	2--Very Important	4
Standing: Particularly for sustained periods of time.	5--Daily	2--Very Important	1
Walking: Moving about on foot to accomplish tasks, particularly for long distances.	5--Daily	2--Very Important	8
Pushing: Using upper extremities to press against something with steady force in order to thrust	4--Weekly	1--Somewhat Important	2

forward, downward or outward.			
Pulling: Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.	4--Weekly	1--Somewhat Important	6
Fingering: Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand or arm as in handling.	5--Daily	2--Very Important	3
Grasping: Applying pressure to an object with the fingers or palm.	5--Daily	2--Very Important	6
Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to be a considerable degree and requires the substantial use of the upper extremities and back muscles.	5--Daily	2--Very Important	7
Feeling: Perceiving attributes of objects, such as size, shape, temperature or texture by touching the skin, particularly that of fingertips.	5--Daily	2--Very Important	6
Talking: Expressing or exchanging ideas by means of the spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.	5--Daily	3--Extremely Important	5
Hearing: Perceiving the nature of sounds with no less than a 4db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making fine adjustments on machined parts.	5--Daily	2--Very Important	5
Seeing: The ability to perceive the nature of objects by the eye. Seeing is important for hazardous jobs where defective seeing would result in injury and also jobs where special and minute accuracy, inspecting and sorting exist. A high degree of visual efficiency, placing intense and continuous demands on the eyes by moving machinery and other objects are also considered important. Other important factors of seeing are acuity (near and far), depth perception (three dimensional vision), accommodation (adjustment of lens of eye to bring an object into sharp focus), field of vision (area that can be seen up and down or to the right or left while eyes are fixed on a given point) and color vision (ability to identify and distinguish colors).	5--Daily	3--Extremely Important	4
Repetitive Motions: Substantial repetitive movements (motions) of the wrists, hands, and/or fingers.	4--Weekly	1--Somewhat Important	4
Sedentary Work: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.	4--Weekly	1--Somewhat Important	3
Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. If the use of any	Daily	2--Very Important	5

and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.			
Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.	4--Weekly	2--Very Important	6
Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.	3--Monthly	1--Somewhat Important	6
Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.	2--Quarterly	1--Somewhat Important	6

2. WORKING CONDITIONS.

The working conditions section helps us to understand the physical environment you are subjected to while performing your job duties. This section does not apply to conditions like an old office building but only those factors that have to do with the job itself. In this section, please place an X by the condition that applies and one under the frequency that is most appropriate. The condition should be unique to your job and not generally applicable to all employees with the organization. Please note, there is a choice for "Does Not Apply," if most of your work is in an office setting.

☐ Does Not Apply

Condition	Less than 25% of the time	25-50% of the time	More than 50% of the time
Hazardous physical conditions (mechanical parts, electrical currents, vibration, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atmospheric Conditions (fumes, odors, dusts, gases, poor ventilation)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous materials (chemicals, blood and other body fluids, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme temperatures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work space restricts movement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intense noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental (disruptive people, imminent danger, threatening environment)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

V: EMPLOYEE, SUPERVISOR, AND DEPARTMENT HEAD SIGNATURES

ADDITIONAL COMMENTS

Are there any additional comments you would like to make to be sure you have described your job adequately? (Use additional sheets if necessary).

EMPLOYEE CERTIFICATION

I certify that the above statements and responses are accurate and complete to the best of my knowledge.

Signed: _____

Date: _____

TO BE COMPLETED BY THE IMMEDIATE SUPERVISOR AND DEPT. HEAD

This section is to be used by the Supervisor to note any additional comments, additional duties or disagreements with any section of the questionnaire. The Supervisor should not change anything written by the individual filling out the questionnaire nor should they address any performance issues. Please remember that this questionnaire is intended solely for the purpose of accurately describing the job in question. Supervisors, please review the entire JAQ for completeness and accuracy. If there are sections that are not complete or are incorrect, please fill in the blanks when you review the questionnaire with the incumbent. If you disagree with any information provided or believe some information is missing, indicate below the question number and your comments. **Please note the form should have all three signatures to ensure all have read the questionnaire.**

Question No.	Comments
2b	No job directly reports to the WTP Operator - MR
III #2	Plant Operator Experience is needed.

Please check the appropriate statement:

☐ I agree with the incumbents' position questionnaire as written.

☒ The above modifications have been discussed with the incumbent, and the incumbent agrees with these modifications.

☐ The above modifications have been discussed with the incumbent, and the incumbent disagrees with these modifications.

I have noted the modifications made by my supervisor in the Comments Section above.

Employee Signature: _____ Date: _____

Supervisor Signature: MB Pittbush Date: 12/31/08

Department Head Signature: Oh As [Signature] Date: 12-31-08

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. AFTER YOU OR YOUR GROUP HAS COMPLETED YOUR PORTION OF THE QUESTIONNAIRE, PLEASE SUBMIT THE QUESTIONNAIRE TO YOUR SUPERVISOR FOR REVIEW, SIGNATURE, AND COMMENT. YOUR SUPERVISOR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO YOUR DEPARTMENT HEAD.

CITY OF GRAND JUNCTION

JOB ANALYSIS QUESTIONNAIRE

I. EMPLOYEE BACKGROUND: In this section you will provide information regarding your name, current job title, your immediate supervisor, etc. This will help us make sure we refer to the correct job throughout the study.

Is this a group questionnaire? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please list all employee names.
--	---

Division: Public Works

Department: Water

For Individual Questionnaires Only:

Employee Name: Orient David T
(Last) (First) (Middle Initial)

Current Classification Title: Water Plant Operator

Division Public Works **Department** Water

Total Length of Time with organization 16 Years 5 months

Total Length of Time in Current Position 10 Years 11 months

Assigned Hours/Week:: from 40 t o **Assigned Days/Week** 4

Email: daveor@ci.grandjct.co.us **Work Phone:** 970-244-1578

Immediate Supervisor:

Immediate supervisor reports to:

Name: Mark Ritterbush **Name:** Rick Brinkman

Title: Water Quality Supervisor **Title:** Water Services Manager

Work Phone 970-244-1578 **Work Phone:** 970-244-1429

E-mail: markri@ci.grandjct.co.us **E-mail:** rickbr@ci.grandjct.co.us

II. POSITION INFORMATION

1. POSITION SUMMARY: This section asks for a short paragraph, one to three sentences, regarding the purpose of your position and/or your primary responsibilities. This summary helps us to quickly understand the essence of your job. Usually it is better to write this after you have completed the remainder of the questionnaire. Briefly describe what you consider to be the major purpose or objective of the job. Simply stated, what are you attempting to accomplish in your position?

Example: Computer Support Technician

Summary: To operate, maintain and repair computer equipment and to provide technical assistance to users.

Operate and maintain the water treatment plant to produce a high quality water that meets or exceeds state drinking water standards. This is done with or without immediate supervision.

2. SUPERVISION & ORGANIZATIONAL RELATIONSHIPS.

- a. The chart below asks for your specific supervisory responsibilities. If a duty statement applies to you, please check the box under the "Yes" column and then indicate the number of employees for which you are responsible to the right of the statement.

Yes	Duty	Number of Employees
<input checked="" type="checkbox"/>	I do not officially supervise other employees (sign performance reviews).	
<input type="checkbox"/>	I evaluate and sign performance reviews of other full-time employees.	
<input type="checkbox"/>	I evaluate and sign performance reviews of part-time, temporary or contract employees.	
<input type="checkbox"/>	I instruct other employees in methods or procedures needed to carry out their job (how to carry-out their assigned duties).	
<input type="checkbox"/>	I make work assignments for others.	
<input type="checkbox"/>	I make hiring and hiring pay recommendations.	
<input type="checkbox"/>	I make hiring and hiring pay decisions.	
<input type="checkbox"/>	I recommend termination for poor performance.	
<input type="checkbox"/>	I provide advice to peers that they must consider carefully before making a decision.	
<input type="checkbox"/>	I provide information to supervisors/management that they use in making a decision.	

- b. Complete the organization chart below. This chart will help us to understand your job in relation to others in your department. Please use titles and not names. Fill in the applicable position titles: (1) your coworkers, employees you work with and who also report directly to your supervisor; and, (2) your subordinates, any employees you supervise directly. List only those jobs over which you have full managerial/supervisory authority (i.e. complete and sign performance evaluation.) Do not list employees supervised by your subordinate supervisors.

YOUR COWORKERS' JOB TITLES

Water Plant Operator (3)
Lead Plant Mechanic
Water Quality Analyst
Water Quality Supervisor
Water Quality Specialist

YOUR DIRECT REPORTS' JOB TITLES

Please indicate the nature of the group supervised and the number supervised

☐ Full Time ☐ Part-Time ☐ Seasonal/Temp ☐ Volunteer ☐ Contract

c. Describe with whom, or with what departments/organizations, you have regular contact.

1. Inside your organization (other City Departments):

Title of Person or Department	How Often	For What Purpose
Ex: Peers, Subordinates		
Water Resource Supervisor	w	Opreations

2. Outside your organization:

Title of Person or Organization	How Often	For What Purpose
Ex: Vendors, Gen. Public		
Colo. Rural Water	Q	Teach math and write articles
rmsawwa	1 week/year	Teach math at Leadville school
Ute Water	3 times/year	Training seminars
Clifton Water	3 times/year	Training seminars
Vendors	Q	Products
Gen. Public	w	Customer Questions

3. ESSENTIAL DUTIES.

The list of essential duties helps us to understand those duties which are the primary reasons why your position exists. For clarification, please refer to the examples provided below.

Essential Duties: Those duties that make up at least 5% of your time. Please provide enough detail so that someone who may not be familiar with your job will have a clear understanding of what it is that you do. For example, do not simply state "prepares reports", but state "prepares reports such as status reports, staff reports", or other type of report(s) you may prepare. Also, please use action verbs such as prepares, calculates, operates, etc., to start off each statement. Do not use acronyms in your description. Examples are shown below. Use additional sheets if needed.

Decisions Required: List the decisions you make to carry out the essential duties.

Frequency: Indicate how often you perform each duty – D = daily, W = weekly, M = monthly, Q = quarterly, A = annually, or O = occasionally.

Percent of Time: Indicate how much of your time you spend on each task. The total of these percentages **should not be more than 100%**. Example: Sally conducts property value estimates 20% of the time, it may mean she spends one day out of five on that task, or that she spends around two hours each day. These need only be estimates so do not spend a great deal of time trying to come up with an exact percentage. The percentages of **all** duties should equal 100% over a one year period of time.

Attach additional sheets if necessary.

E X A M P L E (LIST ACTUAL ESSENTIAL DUTIES BELOW EXAMPLE)

Essential Duties	Decisions Required	Frequency	% of Time
EXAMPLES:			
<i>Prepares monthly newsletters by gathering information, writing copy, editing, preparing for publication and overseeing distribution.</i>	<i>Articles to include, editorial changes, graphics, layouts</i>	<i>M</i>	<i>25%</i>
<i>Performs inventory spot checks and monthly counts of supplies in warehouse.</i>	<i>When to check supplies</i>	<i>M</i>	<i>10%</i>

	List of Essential Duties	Decisions Required	Frequency: D = Daily W = Weekly M = Monthly Q = Quarterly A = Annually O = Occasionally	% of Time Spent (Not to exceed 100%)
1	Water plant operations	Chemical feed,flows	Daily	25
2	Laboratory testing	Chemical feeds,flows	Daily	5
3	Operate, repair plant equipment	Safety,parts	Daily	10
4	Record keeping	Forms,Computer	Daily	5
5	Receive,store,add chemicals	Safety,dosage	Daily	10
6	Maintain security	Notification,pleple	Daily	5
7	Plant maintenance	Supplies schedule	Weekly	10
8	Teach math	Lesson plan	Quarterly	10
9	Organize training seminars	Schedule instructors	Annually	5
10	Respond to emergency situations, call back	Remediation	Quarterly	5
11	Attend training	Notes	Quarterly	5
12	Maintain tanks, reserviors, vaults	Action plan	Quarterly	5
13			Select	
14			Select	
15			Select	
16			Select	
17			Select	
18			Select	
19			Select	

4. REQUIRED KNOWLEDGE AND SKILLS.

This section helps us to understand the types of knowledge and skill you would need to perform your job at the entry level. Those items you list are those required and not what you might necessarily know or are able to do after being in the position for a number of years.

Knowledge: refers to the possession of concepts and information gained through experience, training and/or education and can be measured through testing.

Skills: refers to the proficiency which can be demonstrated and are typically manual in nature and/or can be measured through testing.

The knowledge and skills that you list in the following section must refer to the Essential Duties you listed in Section 3.

Duty #	Knowledge – Skills
1	Class A water plant license, obsevation skill, decision making
2	Use of laborator equipment
3,7,12	Principles of chemistry,hydraulics,plumbing,electrical,mechanical
4	Computer operations
5	Sefety
6	Monitor
8	Desire,knowledge
10,11,9	Planning,analize
3,7,12	

III. EDUCATION, EXPERIENCE, AND EQUIPMENT

1. EDUCATION: What level of education do you have and what minimum level of education do you believe is needed to satisfactorily perform your job at entry level? Check the level that applies to your job:

You Have	You Need	
<input type="checkbox"/>	<input type="checkbox"/>	Less than High School Diploma or equivalent (G.E.D.) (ability to read, write, and follow directions)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	High School Diploma or equivalent (G.E.D.)
<input type="checkbox"/>	<input type="checkbox"/>	Up to one year of specialized or technical training beyond high school
<input type="checkbox"/>	<input type="checkbox"/>	Associate degree (A.S., A.A.) or two-year technical certificate
<input type="checkbox"/>	<input type="checkbox"/>	Bachelor's degree
<input type="checkbox"/>	<input type="checkbox"/>	Other (explain):

2. EXPERIENCE: What kinds of experience do you have, and what minimum kinds of experience are needed to enter your job at entry level?

Type of Experience

<u>You Have</u>	<u>Your Time</u>	<u>You Need</u>	<u>Minimum Time Required</u>
Water Plant Operator	11 years	Water Plant	4 years
Pipeline Maintenance	6 years		years
Research Technologist	17 years		years

a. What field (s) should training or degree be in?

Biology, Chemistry, Engineering, Math

3. SPECIAL REQUIREMENTS: List any registrations, certifications or licenses that are **required** for you to hold your position. Be specific and do not abbreviate words or use acronyms.

Class A Water Plant License

4. MACHINES, TOOLS AND EQUIPMENT. List any machines, tools or equipment used in your work and indicate the frequency and time spent using each. The machines, tools and equipment must refer to the Essential Duties you listed in Section 3.

Duty #	Machines, Tools, Equipment	Frequency/Time
1	Plc's,gauges,flowmeters,recorders	25
2	Colorimeters,turbimeters,pH meter	5
3,7,12	Pumps,motors,handtools,saw,drill,multimeter	20
4	Computer operations	10
5	Fork lift,tractor	10
8,9	Projector	

5. DECISION-MAKING & JUDGMENTS.

a. Describe three types of important decisions and judgments you make regularly and independently in the performance of your duties.

1. Chemical feed rate adjustments based on water quality.

2. Flow rate changes for adequate water supply

3. Filter backwash schedule

IV: AMERICANS WITH DISABILITIES ACT REQUIREMENTS

1. PHYSICAL ACTIVITIES/REQUIREMENTS.

This section helps us understand the physical activities and requirements that are absolutely necessary for you to be able to do in order to perform your job. Please list the frequency and the importance of each of the physical requirements listed in this section. These physical activities/requirements will help in ensuring the City of Grand Junction remains in compliance with the Americans with Disabilities Act.

The City of Grand Junction is required to document any physical requirements in order to legally defend restrictions that are imposed. The definitions for the physical activities/requirements are taken directly from the guidelines established by the federal government. Your answers in this section will not affect how your job is classified.

Frequency

How frequently is the activity performed?

- 0 – Never
- 1 – Annually
- 2 – Quarterly (at least 3 per year)
- 3 – Monthly (at least 8 per year)
- 4 – Weekly (at least 3 per month)
- 5 – Daily (at least 3 per week)

Importance

How important is the activity in accomplishing the job's purpose?

- 0 – Not Important
- 1 – Somewhat Important
- 2 – Very Important
- 3 – Extremely Important

Physical Activity	Frequency	Importance	Duties
Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.	5--Daily	3--Extremely Important	
Balancing: Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.	5--Daily	3--Extremely Important	
Stooping: Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.	5--Daily	2--Very Important	
Kneeling: Bending legs at knee to come to a rest on knee or knees.	4--Weekly	1--Somewhat Important	
Crouching: Bending the body downward and forward by bending leg and spine.	4--Weekly	1--Somewhat Important	
Crawling: Moving about on hands and knees or hands and feet.	0--Never	0--Not Important	
Reaching: Extending hand(s) and arm(s) in any direction.	5--Daily	3--Extremely Important	
Standing: Particularly for sustained periods of time.	5--Daily	2--Very Important	
Walking: Moving about on foot to accomplish tasks, particularly for long distances.	5--Daily	1--Somewhat Important	
Pushing: Using upper extremities to press against something with steady force in order to move it.	3--Monthly	1--Somewhat Important	

forward, downward or outward.			
Pulling: Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.	3--Monthly	1--Somewhat Important	
Fingering: Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand or arm as in handling.	5--Daily	3--Extremely Important	
Grasping: Applying pressure to an object with the fingers or palm.	Select	Select	
Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to be a considerable degree and requires the substantial use of the upper extremities and back muscles.	5--Daily	3--Extremely Important	
Feeling: Perceiving attributes of objects, such as size, shape, temperature or texture by touching the skin, particularly that of fingertips.	5--Daily	3--Extremely Important	
Talking: Expressing or exchanging ideas by means of the spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.	5--Daily	3--Extremely Important	
Hearing: Perceiving the nature of sounds with no less than a 4db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making fine adjustments on machined parts.	5--Daily	2--Very Important	
Seeing: The ability to perceive the nature of objects by the eye. Seeing is important for hazardous jobs where defective seeing would result in injury and also jobs where special and minute accuracy, inspecting and sorting exist. A high degree of visual efficiency, placing intense and continuous demands on the eyes by moving machinery and other objects are also considered important. Other important factors of seeing are acuity (near and far), depth perception (three dimensional vision), accommodation (adjustment of lens of eye to bring an object into sharp focus), field of vision (area that can be seen up and down or to the right or left while eyes are fixed on a given point) and color vision (ability to identify and distinguish colors).	5--Daily	3--Extremely Important	
Repetitive Motions: Substantial repetitive movements (motions) of the wrists, hands, and/or fingers.	2--Quarterly	1--Somewhat Important	
Sedentary Work: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.	2--Quarterly	1--Somewhat Important	
Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. If the use of arm	4--Weekly	3--Extremely Important	

and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.			
Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.	4--Weekly	3--Extremely Important	
Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.	2--Quarterly	1--Somewhat Important	
Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.	2--Quarterly	1--Somewhat Important	

2. WORKING CONDITIONS.

The working conditions section helps us to understand the physical environment you are subjected to while performing your job duties. This section does not apply to conditions like an old office building but only those factors that have to do with the job itself. In this section, please place an X by the condition that applies and one under the frequency that is most appropriate. The condition should be unique to your job and not generally applicable to all employees with the organization. **Please note, there is a choice for "Does Not Apply," if most of your work is in an office setting.**

☐ Does Not Apply

Condition	Less than 25% of the time	25-50% of the time	More than 50% of the time
Hazardous physical conditions (mechanical parts, electrical currents, vibration, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Atmospheric Conditions (fumes, odors, dusts, gases, poor ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous materials (chemicals, blood and other body fluids, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Extreme temperatures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work space restricts movement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intense noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental (disruptive people, imminent danger, threatening environment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

V: EMPLOYEE, SUPERVISOR, AND DEPARTMENT HEAD SIGNATURES

ADDITIONAL COMMENTS

Are there any additional comments you would like to make to be sure you have described your job adequately? (Use additional sheets if necessary).

EMPLOYEE CERTIFICATION

I certify that the above statements and responses are accurate and complete to the best of my knowledge.

Signed: David Orent

Date: 12-31-08

TO BE COMPLETED BY THE IMMEDIATE SUPERVISOR AND DEPT. HEAD

This section is to be used by the Supervisor to note any additional comments, additional duties or disagreements with any section of the questionnaire. The Supervisor should not change anything written by the individual filling out the questionnaire nor should they address any performance issues. Please remember that this questionnaire is intended solely for the purpose of accurately describing the job in question. Supervisors, please review the entire JAQ for completeness and accuracy. If there are sections that are not complete or are incorrect, please fill in the blanks when you review the questionnaire with the incumbent. If you disagree with any information provided or believe some information is missing, indicate below the question number and your comments. **Please note the form should have all three signatures to ensure all have read the questionnaire.**

Question No.	Comments
2a.	The bottom 2 boxes should be checked; advice is given to peers as well as input is needed from WTP operator's in decision-making, 4 employees to 1 employee, respectively.
I	Immediate Supervisor's Title is Water Resources Supervisor

Please check the appropriate statement:

☐ I agree with the incumbents' position questionnaire as written.

☒ The above modifications have been discussed with the incumbent, and the incumbent agrees with these modifications.

☐ The above modifications have been discussed with the incumbent, and the incumbent disagrees with these modifications.

I have noted the modifications made by my supervisor in the Comments Section above.

Employee Signature: David Orent Date: 12/31/08

Supervisor Signature: M. J. [Signature] Date: 12/31/08

Department Head Signature: [Signature] Date: 1/29/09

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. AFTER YOU OR YOUR GROUP HAS COMPLETED YOUR PORTION OF THE QUESTIONNAIRE, PLEASE SUBMIT THE QUESTIONNAIRE TO YOUR SUPERVISOR FOR REVIEW, SIGNATURE, AND COMMENT. YOUR SUPERVISOR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO YOUR DEPARTMENT HEAD.

CITY OF GRAND JUNCTION

JOB ANALYSIS QUESTIONNAIRE

I. EMPLOYEE BACKGROUND: In this section you will provide information regarding your name, current job title, your immediate supervisor, etc. This will help us make sure we refer to the correct job throughout the study.

Is this a group questionnaire? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please list all employee names.
--	---

Division: Utilities, Streets, and Facilities

Department: Water Plant

For Individual Questionnaires Only:

Employee Name:	Weimer	Rex	S.
	(Last)	(First)	(Middle Initial)

Current Classification Title: Water Plant Operator

Division	Utilities, Streets, and Facilities	Department	Water Plant
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Total Length of Time with organization Years 3 months

Total Length of Time in Current Position Years 3 months

Assigned Hours/Week;: from t o 40 hours/week **Assigned Days/Week** 4

Email: rexw@ci.grandjct.co.us

Work Phone: 244.1578

Immediate Supervisor:

Immediate supervisor reports to:

Name: Mark Ritterbush

Name: Rick Brinkman

Title: Water Resources Supervisor

Title: Water Services Manager

Work Phone 243.9636

Work Phone: 244.1429

E-mail: markri@ci.grandjct.co.us

E-mail: rickbr@ci.grandjct.co.us

II. POSITION INFORMATION

1. POSITION SUMMARY: This section asks for a short paragraph, one to three sentences, regarding the purpose of your position and/or your primary responsibilities. This summary helps us to quickly understand the essence of your job. Usually it is better to write this after you have completed the remainder of the questionnaire. Briefly describe what you consider to be the major purpose or objective of the job. Simply stated, what are you attempting to accomplish in your position?

Example: Computer Support Technician

Summary: To operate, maintain and repair computer equipment and to provide technical assistance to users.

Water Plant Operator: Perform maintenance , technical duties, and responsibilities in the operation and maintenance of the City's Water Treatment Plant; to ensure compliance with City and mandated water treatment quality standards; and perform a variety of duties related to the assigned areas of responsibility.

2. SUPERVISION & ORGANIZATIONAL RELATIONSHIPS.

- a. The chart below asks for your specific supervisory responsibilities. If a duty statement applies to you, please check the box under the "Yes" column and then indicate the number of employees for which you are responsible to the right of the statement.

Yes	Duty	Number of Employees
<input checked="" type="checkbox"/>	I do not officially supervise other employees (sign performance reviews).	
<input type="checkbox"/>	I evaluate and sign performance reviews of other full-time employees.	
<input type="checkbox"/>	I evaluate and sign performance reviews of part-time, temporary or contract employees.	
<input type="checkbox"/>	I instruct other employees in methods or procedures needed to carry out their job (how to carry-out their assigned duties).	
<input type="checkbox"/>	I make work assignments for others.	
<input type="checkbox"/>	I make hiring and hiring pay recommendations.	
<input type="checkbox"/>	I make hiring and hiring pay decisions.	
<input type="checkbox"/>	I recommend termination for poor performance.	
<input checked="" type="checkbox"/>	I provide advice to peers that they must consider carefully before making a decision.	
<input checked="" type="checkbox"/>	I provide information to supervisors/management that they use in making a decision.	

- b. Complete the organization chart below. This chart will help us to understand your job in relation to others in your department. Please use titles and not names. Fill in the applicable position titles: (1) your coworkers, employees you work with and who also report directly to your supervisor; and, (2) your subordinates, any employees you supervise directly. List only those jobs over which you have full managerial/supervisory authority (i.e. complete and sign performance evaluation.) Do not list employees supervised by your subordinate supervisors.

YOUR COWORKERS' JOB TITLES

Water PLant (Treatment) Operator
Lead Plant Mechanic
Plant Mechanic
Equipment Operator
Water Quality Specialist
Lab Analyst

YOUR DIRECT REPORTS' JOB TITLES

Please indicate the nature of the group supervised and the number supervised

☐ Full Time

☐ Part-Time

☐ Seasonal/Temp

☐ Volunteer

☐ Contract

c. Describe with whom, or with what departments/organizations, you have regular contact.

1. Inside your organization (other City Departments):

Title of Person or Department	How Often	For What Purpose
Ex: Peers, Subordinates		
Co-workers	Daily	Operations
Lab-staff	Daily	Sample and Results
Plant Mechanics	Daily	Maintenance

2. Outside your organization:

Title of Person or Organization	How Often	For What Purpose
Ex: Vendors, Gen. Public		
Vendors	As needed	Ordering supplies
Public/Lab samples	Weekly	Requesting and Ordering samples

3. ESSENTIAL DUTIES.

The list of essential duties helps us to understand those duties which are the primary reasons why your position exists. For clarification, please refer to the examples provided below.

Essential Duties: Those duties that make up at least 5% of your time. Please provide enough detail so that someone who may not be familiar with your job will have a clear understanding of what it is that you do. For example, do not simply state "prepares reports", but state "prepares reports such as status reports, staff reports", or other type of report(s) you may prepare. Also, please use action verbs such as prepares, calculates, operates, etc., to start off each statement. Do not use acronyms in your description. Examples are shown below. Use additional sheets if needed.

Decisions Required: List the decisions you make to carry out the essential duties.

Frequency: Indicate how often you perform each duty – D = daily, W = weekly, M = monthly, Q = quarterly, A = annually, or O = occasionally.

Percent of Time: Indicate how much of your time you spend on each task. The total of these percentages **should not be more than 100%**. Example: Sally conducts property value estimates 20% of the time, it may mean she spends one day out of five on that task, or that she spends around two hours each day. These need only be estimates so do not spend a great deal of time trying to come up with an exact percentage. The percentages of **all** duties should equal 100% over a one year period of time.

Attach additional sheets if necessary.

E X A M P L E (LIST ACTUAL ESSENTIAL DUTIES BELOW EXAMPLE)

Essential Duties	Decisions Required	Frequency	% of Time
EXAMPLES:			
<i>Prepares monthly newsletters by gathering information, writing copy, editing, preparing for publication and overseeing distribution.</i>	<i>Articles to include, editorial changes, graphics, layouts</i>	<i>M</i>	<i>25%</i>
<i>Performs inventory spot checks and monthly counts of supplies in warehouse.</i>	<i>When to check supplies</i>	<i>M</i>	<i>10%</i>

	List of Essential Duties	Decisions Required	Frequency: D = Daily W = Weekly M = Monthly Q = Quarterly A = Annually O = Occasionally	% of Time Spent (Not to exceed 100%)
1	Operate Water Treatment Plant	As required	Daily	20
2	Monitor Plant Processes & Functions	As required	Daily	20
3	Operate, maintain, and repair plant machinery	As required	Weekly	10
4	Maintain and repair reservoirs, vessels, and pump stations.	As required	Quarterly	5
5	Maintain records for compliance and use	As required	Daily	15
6	Perform general plant and grounds maintenance	As required	Weekly	10
7	Receive and inventory chemicals and supplies	As required	Monthly	5
8	Maintain Plant Security	As required	Daily	5
9	Emergency Response	As required or requested	Daily	5
10			Select	
11			Select	
12			Select	
13			Select	
14			Select	
15			Select	
16			Select	
17			Select	
18			Select	
19			Select	

4. REQUIRED KNOWLEDGE AND SKILLS.

This section helps us to understand the types of knowledge and skill you would need to perform your job at the entry level. Those items you list are those required and not what you might necessarily know or are able to do after being in the position for a number of years.

Knowledge: refers to the possession of concepts and information gained through experience, training and/or education and can be measured through testing.

Skills: refers to the proficiency which can be demonstrated and are typically manual in nature and/or can be measured through testing.

The knowledge and skills that you list in the following section must refer to the Essential Duties you listed in Section 3.

Duty #	Knowledge - Skills
1,2,3,5,6,8	Practices, principles, and procedures used in the operation and maintenance of water treatment and purification facilities and systems.
3,4,6,9	Standard principals of hydraulics, plumbing, electrical, and mechanical systems.
1,2,3	Operational characteristics of water treatment plant equipment and related systems.
2,3,5,9	Basic principles of chemistry, biology, and mathematics
1,2	Basic laboratory methods including sampling techniques
7	Principles and procedures used in handling chemicals
5	Principles and procedures of record keeping
1,2,3,4,6,7,9	Occupational hazards and standard safety practices including those used in confined space entry.
5,7	Office equipment; copiers, printers, faxes, and computers.
1,3,5,7,8,9	Pertinent Federal, State, and Local laws and regulations.

III. EDUCATION, EXPERIENCE, AND EQUIPMENT

1. EDUCATION: What level of education do you have and what minimum level of education do you believe is needed to satisfactorily perform your job at entry level? Check the level that applies to your job:

You Have	You Need	
<input type="checkbox"/>	<input type="checkbox"/>	Less than High School Diploma or equivalent (G.E.D.) (ability to read, write, and follow directions)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	High School Diploma or equivalent (G.E.D.)
<input type="checkbox"/>	<input type="checkbox"/>	Up to one year of specialized or technical training beyond high school
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Associate degree (A.S., A.A.) or two-year technical certificate
<input type="checkbox"/>	<input type="checkbox"/>	Bachelor's degree
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other (explain): At least 4 years required for an "A" certification

2. EXPERIENCE: What kinds of experience do you have, and what minimum kinds of experience are needed to enter your job at entry level?

Type of Experience

<u>You Have</u>	<u>Your Time</u>	<u>You Need</u>	<u>Minimum Time Required</u>
Plant Operator and Facility Experience	8 years	WTP Operator	4 years
	years		years
	years		years

a. What field (s) should training or degree be in?

High School or equivalent diploma----Math Science exposure

3. SPECIAL REQUIREMENTS: List any registrations, certifications or licenses that are **required** for you to hold your position. Be specific and do not abbreviate words or use acronyms.

Possess valid Colorado Drivers License, Possess Class "A" Water Treatment Plant Operator Certificate by the State of Colorado.

4. MACHINES, TOOLS AND EQUIPMENT. List any machines, tools or equipment used in your work and indicate the frequency and time spent using each. The machines, tools and equipment must refer to the Essential Duties you listed in Section 3.

Duty #	Machines, Tools, Equipment	Frequency/Time
1	Operate Main Control Panel	Daily
2,3	Chemical Feed pumps, Chemical Feed Systems	Daily
5	Computer, Office Equipment	Daily
2,5	Lab Equipment	Daily
3,4,6,8,9	Maintenance Equipment, Hand Tools, Power Tools	Daily

5. DECISION-MAKING & JUDGMENTS.

- a. Describe three types of important decisions and judgments you make regularly and independently in the performance of your duties.
 1. Process Control and compilation of records
 2. Diagnose and determine proper procedures for remedy
 3. Perform inspections and remedial actions as required.

IV: AMERICANS WITH DISABILITIES ACT REQUIREMENTS

1. PHYSICAL ACTIVITIES/REQUIREMENTS.

This section helps us understand the physical activities and requirements that are absolutely necessary for you to be able to do in order to perform your job. Please list the frequency and the importance of each of the physical requirements listed in this section. These physical activities/requirements will help in ensuring the City of Grand Junction remains in compliance with the Americans with Disabilities Act.

The City of Grand Junction is required to document any physical requirements in order to legally defend restrictions that are imposed. The definitions for the physical activities/requirements are taken directly from the guidelines established by the federal government. Your answers in this section will not affect how your job is classified.

Frequency

Importance

How frequently is the activity performed?

How important is the activity in accomplishing the job's purpose?

0 – Never

1 – Annually

2 – Quarterly (at least 3 per year)

3 – Monthly (at least 8 per year)

4 – Weekly (at least 3 per month)

5 – Daily (at least 3 per week)

0 – Not Important

1 – Somewhat Important

2 – Very Important

3 – Extremely Important

Physical Activity	Frequency	Importance	Duties
Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.	5--Daily	2--Very Important	3,4,6,8
Balancing: Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.	5--Daily	3--Extremely Important	3,4,6,8
Stooping: Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.	5--Daily	2--Very Important	3,4,6,7,8,9
Kneeling: Bending legs at knee to come to a rest on knee or knees.	5--Daily	2--Very Important	3,4,6,7,8
Crouching: Bending the body downward and forward by bending leg and spine.	5--Daily	2--Very Important	3,4,6,7,8
Crawling: Moving about on hands and knees or hands and feet.	4--Weekly	1--Somewhat Important	3,4,6,7,8
Reaching: Extending hand(s) and arm(s) in any direction.	5--Daily	2--Very Important	3,4,5,6,7,8
Standing: Particularly for sustained periods of time.	5--Daily	2--Very Important	1,2,3,4,5,6,7,8
Walking: Moving about on foot to accomplish	5--Daily	2--Very Important	1,2,3,4,5,6,7,8

tasks, particularly for long distances.			
Pushing: Using upper extremities to press against something with steady force in order to thrust forward, downward or outward.	4--Weekly	1--Somewhat Important	3,4,5,6,7,8
Pulling: Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.	4--Weekly	1--Somewhat Important	3,4,5,6,7,8
Fingering: Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand or arm as in handling.	5--Daily	3--Extremely Important	5
Grasping: Applying pressure to an object with the fingers or palm.	5--Daily	2--Very Important	1,2,3,4,5,6,7,8,9
Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to be a considerable degree and requires the substantial use of the upper extremities and back muscles.	5--Daily	2--Very Important	1,2,3,4,5,6,7,8,9
Feeling: Perceiving attributes of objects, such as size, shape, temperature or texture by touching the skin, particularly that of fingertips.	5--Daily	2--Very Important	1,2,3,4,5,6,7,8,9
Talking: Expressing or exchanging ideas by means of the spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.	5--Daily	3--Extremely Important	1,2,3,4,5,6,7,8,9
Hearing: Perceiving the nature of sounds with no less than a 4db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making fine adjustments on machined parts.	5--Daily	2--Very Important	1,2,3,4,5,6,7,8,9
Seeing: The ability to perceive the nature of objects by the eye. Seeing is important for hazardous jobs where defective seeing would result in injury and also jobs where special and minute accuracy, inspecting and sorting exist. A high degree of visual efficiency, placing intense and continuous demands on the eyes by moving machinery and other objects are also considered important. Other important factors of seeing are acuity (near and far), depth perception (three dimensional vision), accommodation (adjustment of lens of eye to bring an object into sharp focus), field of vision (area that can be seen up and down or to the right or left while eyes are fixed on a given point) and color vision (ability to identify and distinguish colors).	5--Daily	2--Very Important	1,2,3,4,5,6,7,8,9
Repetitive Motions: Substantial repetitive movements (motions) of the wrists, hands, and/or fingers.	4--Weekly	2--Very Important	2,3,4,5,6,7,8
Sedentary Work: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull, or otherwise move objects, including the human body. Sedentary work involves sitting most of the	4--Weekly	1--Somewhat Important	5

time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.			
Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. If the use of arm and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.	5--Daily	2--Very Important	1,2,3,4,5
Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.	4--Weekly	2--Very Important	1,2,3,4,5,6,7,8,9
Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.	3--Monthly	1--Somewhat Important	2,3,4,6,7,8,9
Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.	2--Quarterly	1--Somewhat Important	3,4,6,7,8,9

2. WORKING CONDITIONS.

The working conditions section helps us to understand the physical environment you are subjected to while performing your job duties. This section does not apply to conditions like an old office building but only those factors that have to do with the job itself. In this section, please place an X by the condition that applies and one under the frequency that is most appropriate. The condition should be unique to your job and not generally applicable to all employees with the organization. **Please note, there is a choice for "Does Not Apply," if most of your work is in an office setting.**

☐ Does Not Apply

Condition	Less than 25% of the time	25-50% of the time	More than 50% of the time
Hazardous physical conditions (mechanical parts, electrical currents, vibration, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atmospheric Conditions (fumes, odors, dusts, gases, poor ventilation)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous materials (chemicals, blood and other body fluids, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme temperatures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work space restricts movement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intense noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental (disruptive people, imminent danger, threatening environment)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

V: EMPLOYEE, SUPERVISOR, AND DEPARTMENT HEAD SIGNATURES

ADDITIONAL COMMENTS

Are there any additional comments you would like to make to be sure you have described your job adequately? (Use additional sheets if necessary).

EMPLOYEE CERTIFICATION

I certify that the above statements and responses are accurate and complete to the best of my knowledge.

Signed:  Date: 12-31-08

TO BE COMPLETED BY THE IMMEDIATE SUPERVISOR AND DEPT. HEAD

This section is to be used by the Supervisor to note any additional comments, additional duties or disagreements with any section of the questionnaire. The Supervisor should not change anything written by the individual filling out the questionnaire nor should they address any performance issues. Please remember that this questionnaire is intended solely for the purpose of accurately describing the job in question. Supervisors, please review the entire JAQ for completeness and accuracy. If there are sections that are not complete or are incorrect, please fill in the blanks when you review the questionnaire with the incumbent. If you disagree with any information provided or believe some information is missing, indicate below the question number and your comments. **Please note the form should have all three signatures to ensure all have read the questionnaire.**

Question No.	Comments

Please check the appropriate statement:

☒ I agree with the incumbents' position questionnaire as written.

☐ The above modifications have been discussed with the incumbent, and the incumbent agrees with these modifications.

☐ The above modifications have been discussed with the incumbent, and the incumbent disagrees with these modifications.

I have noted the modifications made by my supervisor in the Comments Section above.

Employee Signature:



Date:

12-31-08

Supervisor
Signature:



Date:

12/31/08

Department Head
Signature:



Date:

1/9/09

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. AFTER YOU OR YOUR GROUP HAS COMPLETED YOUR PORTION OF THE QUESTIONNAIRE, PLEASE SUBMIT THE QUESTIONNAIRE TO YOUR SUPERVISOR FOR REVIEW, SIGNATURE, AND COMMENT. YOUR SUPERVISOR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO YOUR DEPARTMENT HEAD.