

Non-Code Ordinance

By: Public Works
Introduced: February 13, 2012
Public Hearing: February 13, 2012
Adopted: February 27, 2012

Vote: Harris, Holler, Katkus, Sullivan-Leonard and Woodruff in favor; Council Seat F vacant

**CITY OF WASILLA
ORDINANCE SERIAL NO. 12-11**

AN ORDINANCE OF THE WASILLA CITY COUNCIL AMENDING THE FY2012 BUDGET BY ACCEPTING AND APPROPRIATING \$4,967 IN GRANT FUNDING FROM ALASKA PUBLIC ENTITY INSURANCE FOR PLAYGROUND IMPROVEMENTS AT NUNLEY PARK AND LAKE LUCILE PARK.

Section 1. Classification. This is a non-code ordinance.

Section 2. Purpose. To accept and appropriate grant funding from Alaska Public Entity Insurance for engineered wood fiber ground covering designed to reduce the severity of playground injuries.

Section 3. Appropriation of Funds. The funds are appropriated to the following:

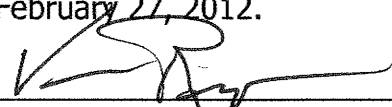
General Supplies-Parks 001-4520-452.60-10 \$ 4,967

Section 4. Source of Funds

Misc. Income-APEI Grant 001-4500-366.10-00 \$ 4,967


Section 5. Effective date. This ordinance shall take effect upon adoption by the Wasilla City Council.

ADOPTED by the Wasilla City Council on February 27, 2012.



VERNE E. RUPRIGHT, Mayor

ATTEST:



KRISTIE SMITHERS, MMC, City Clerk

[SEAL]



Ordinance Serial No. 12-11: AMENDING THE FY2012 BUDGET BY ACCEPTING AND APPROPRIATING \$4,967 IN GRANT FUNDING FROM ALASKA PUBLIC ENTITIES INSURANCE FOR PLAYGROUND IMPROVEMENTS AT NUNLEY PARK AND LAKE LUCILE PARK.

Agenda of: February 13, 2012
Originator: Public Works Director

Date: February 1, 2012

Route to:	Department	Signature	Date
X	Public Works Director		2/1/12
X	Finance Director		2/1/2012
X	Interim Deputy Administrator		2/2/12
X	City Clerk		2/1/12

REVIEWED BY MAYOR VERNE E. RUPRIGHT:

FISCAL IMPACT: yes or no Funds Available Yes or No

Account name/number:
 General Supplies-Parks/001-4520-452.60-10 \$4,967

Attachments:
 Grant Application (7 pages)
 Ordinance Serial No. 12-11 (1 page)

SUMMARY STATEMENT: Alaska Public Entities Insurance (APEI) provides grant funds to help reduce playground injuries in Alaska. The City installed engineered wood fiber ground cover around the new playground equipment at Nunley Park last year, along with the same type of ground cover material around the existing playground equipment in Lake Lucile Park. The City has made application for a 50 percent reimbursement on the funds the City expended last year. This ordinance accepts and appropriates grant funds being offered by APEI for the work completed last year.

STAFF RECOMMENDATION: Adopt Ordinance Serial No. 12-11.

Playground Improvement Grant Application

INSURED City of Wasilla

Investment in safe playground surfaces can significantly reduce both the number and severity of playground injuries. APEI is offering a grant of up to \$5000 per playground, on a 50/50 basis, for the purchase and/or installation of loose fill (engineered wood fiber, sand, pea gravel, or shredded tires) or appropriate unitary surfaces (rubber tiles, rubber mats, or poured in place rubber).

INSTRUCTIONS:

- Answer the questions below.
- Sign and date the application, and give us contact information in case we have questions.
- Return the application to APEI at the above address. Please allow up to 4 weeks for us to respond.

1. For each playground, describe the playground surfacing project, including the type of surface material used, (You can attach product information.)

SEE ATTACHED

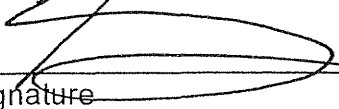
2. For each playground, what is the purchase and/or installation cost of the new surfacing materials? (Please attach receipts for all expenses you claim qualify for this matching grant) Hunley Park \$3385 LAKE Lucille Park \$6550

3. What is the total cost to your organization? \$9935

4. What is the grant amount you are requesting? \$4967.50

Our organization agrees to spend the grant money for the purpose described above and will provide APEI a photograph of each playground for which funds have been received.

A. Giddings
Print your name


Signature

Public Works Dir.
Title

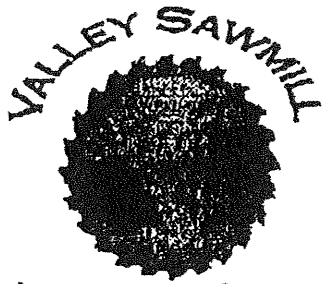
373-9010
Telephone Number

11-22-11
Date

agiddings@
Email
ci.wasilla.ak.us

Lake Lucille Park play structure scope of work: Level sand, place weed control material and construct boarder around entire play structure and fill with engineered wood fiber eliminating the abrupt drop from the rubber tiles.

Nunley Park play set scope of work: Construct boarder, place weed control material and fill with 12" of engineered wood fiber under new play set.



Valley Sawmill
10600 Cordova Street
Anchorage, Alaska 99515
(Near Intersection of O'Malley & C Street Extension)

ANCHORAGE, ALASKA

Phone: (907) 563-3436

Fax: (907) 522-3980

To:

Keith Jones

Date:

4/26/11

From:

Rex Mitchell

*The copy I have isn't real good, I
hope it works for you -*

NORTHWEST LABORATORIES of Seattle, Incorporated

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Report To: Anchorage Soil & Water

Date: May 16, 2005

Report On: Shock Attenuation of Playground Pads

Lab No.: E79095-1

TEST STANDARD: ASTM F1292-99

TITLE: Impact Attenuation of surface systems Under and Around Playground Equipment.

PRODUCT NAME: Valley Sawmill

PRODUCT DESCRIPTION: Spruce Wood Chips
 Chip size - 1 1/2" x 3/4"

TEST RESULTS:

Temperature	Drop Height (Feet)	Drop	Qmax	HIC
25°	9	1	132	818
		2	133	822
		3	142	919
	Avg. (Drop 2 & 3)		137.5	870.5
25°	10	1	105	562
		2	111	621
		3	123	738
	Avg. (Drop 2 & 3)		117	679.5
25°	11	1	124	966
		2	132	1042
		3	137	1113
	Avg. (Drop 2 & 3)		134.5	1077.5
70°	9	1	106	625
		2	111	690
		3	110	677
	Avg. (Drop 2 & 3)		110.5	683.5
70°	10	1	92	414
		2	94	370
		3	101	558
	Avg. (Drop 2 & 3)		97.5	534

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Anchorage Soil & Water
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E79093-1

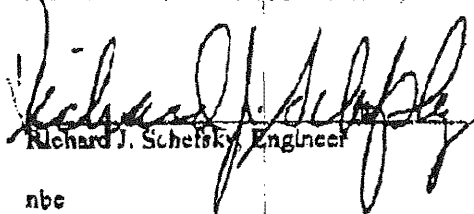
Temperature	Drop Height (Feet)	Drop	Gmax	HIC
70°	11	1	85	463
	11	2	100	574
	11	3	105	617
		Avg. (Drop 2 & 3)		102.5
120°	9	1	111	660
	9	2	117	705
	9	3	121	750
		Avg. (Drop 2 & 3)		119
120°	11	1	116	725
	11	2	124	789
	11	3	130	848
		Avg. (Drop 2 & 3)		127

CONCLUSION:

In accordance with ASTM F1292-99, this product qualifies for a fall height of ten (10) feet.

This report applies only to the actual samples tested. Northwest Laboratories does not certify, warrant, or guarantee any products manufactured by others. Samples discarded within thirty (30) days unless otherwise requested in writing by you.

NORTHWEST LABORATORIES, INC.


Richard J. Schefsky, Engineer

nbc

NORTHWEST LABORATORIES of Seattle, Incorporated

Anchorage Soil & Water

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E7995-2

Distance-Time Measurements

The total distance/90° arc that the wheelchair will travel to a kill switch is measured to 1/16". Propulsion time and the speed of the motor are adjusted until the acceptance criteria are all met by the time the wheelchair trips the kill switch

Sample Preparation:

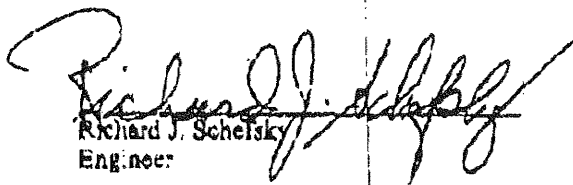
The test bed was filled to the total depth of twelve (12) inches with three lifts of four (4) inches. Each lift was sprayed with water and then compacted. The test bed was allowed to settle over night. Testing was done on the afternoon of the next day.

Test Results:

	Valley Sawmill			Anglinss		
	Average Ft. & Lbs./Ft.	Standard Deviation	Avg. Time (sec.)	Average Ft. & Lbs./Ft.	Standard Deviation	Avg. Time (sec.)
Straight	2.02	0.574	7.600	2.43	0.010	7.197
90° Turn	2.11	0.739	7.405	2.46	0.023	7.038

This product PASSES ASTM F1951.

NORTHWEST LABORATORIES, INC.



Richard J. Schelsky
Engineer

nbc

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ESTABLISHED 1996

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Report To: Anchorage Soil & Water**Date:** June 8, 2005**Report On:** Compliance of Shredded Wood
Playground Material with the American
Disabilities Act.**Lab No.:** E79095-2**Test Method:** ASTM F1951-99
Standard Specification for Determination of Accessibility of Surface Systems
Under and Around Playground Equipment.**Test Date:** June 2, 2005
The test was performed indoors. The product temperature was 70° F
And the air temperature was 70° F.**Product Source:** Valley Sawmill**Product Description:** Spruce wood chips
Chip size: -1 3/4" + 1/2"**TESTED WHEELCHAIR:****Builder:** Northwest Laboratories, Inc.**Rear Wheels:** 24 - inch pneumatic tires
Spacing of 20.5 inches between center lines of tires.**Front Wheels:** 8 - inch pneumatic tires
Spacing 17.5 inches between center lines of casters.**Front axle to rear axle spacing:** 16 5/16 inches**Weight:** Rear Wheels 131.00 lbs.
Front Wheels 80.29
Total 211.29 lbs.**Propulsion:** The Wheelchair is propelled with an electric motor. Two crutches provide the
four power strokes. Power is supplied to the rims of the rear wheels in the
same manner as push rims do in a manual chair.**Guide:** The wheelchair straddles a metal pipe which ensures travel in a straight line.**Turn Guide:** A rigid metal arm is rigidly affixed to the chair. The other end of the arm is
affixed with a pivot point to the center of the circle described in Fig. 2 of the
Standard. This guide ensures that the wheelchair always maintains the proper
radius as it is propelled through the 90° turn.