

**Agency: Commerce, Community and Economic Development****Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Mat-Su Trails Council, Inc.****Federal Tax ID: 92-0136165****Project Title:****Project Type: Maintenance and Repairs**

# Mat-Su Trails Council, Inc. - Purinton Creek Trail Remediation

**State Funding Requested: \$25,000****House District: 6 / C**

Future Funding May Be Requested

**Brief Project Description:**

Perform trail remediation.

**Funding Plan:**

Total Project Cost: \$25,000

Funding Already Secured: (\$0)

FY2014 State Funding Request: (\$25,000)

Project Deficit: \$0

*Funding Details:*

None

**Detailed Project Description and Justification:**

Perform trail Remediation, including a wooden bridge to eliminate additional trail/land damage. See attached material.

**Project Timeline:**

FY 2014

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Mat-Su Trails Council, Inc.

**Grant Recipient Contact Information:**

Name: Scott C. Lapine

Title: President

Address: PO Box 2356

Palmer, Alaska 99645

Phone Number: (907)373-7568

Email: mstc.inc@gmail.com

Has this project been through a public review process at the local level and is it a community priority?  Yes  No**\$25,000  
Approved**



# Mat-Su Trails Council Inc.

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Scott C. Lapiene  
PO Box 2356  
Palmer, Alaska 99645

Phone: (907) 373-7568 eve  
Phone: (907) 351-5534 cell  
Email: mstc.inc@gmail.com

February 28, 2013

Senator Bishop  
Representative Feige

## Purinton Creek Trail Remediation

There has been considerable controversy over the closer of an access point to the Purinton Creek Trail at mile 89 of the Glenn Highway. The new trail access at mile 90 has a swamp crossing near the trailhead that has degraded to a mess since the new trailhead was built. The Mat-Su Trails Council Inc. would like to harden the swap crossing to eliminate the continued degradation and safety issues that have arisen. We estimate the cost of materials to be \$25,000. All labor will be provided by volunteers.

The old trailhead crosses private property and no easement was ever reserved. In the 90s when DOT was working on a highway upgrade our organization was asked if trail amenities were needed in the area. We suggested putting in a new parking area at a section line easement to provide legal access to the trail. By doing this DOT was able to locate their staging area, not have to reclaim it after the project and leave a great asset for the community.

Since then trail use has increased and the swamp has been significantly impacted. The swamp is highly braided with deep pockets of standing water. The degradation will continue if no effort is made to fix the problem.

The Trails Council has extensive experience with trail construction, maintenance and remediation and has a great reputation with other non-profits and local government agencies. The Council is experienced with permitting and bonding requirements for work on public lands. Our history includes projects such as the Palmer-Wasilla Bike/Ped path design and engineering funded via Legislative Appropriation, the Iron Dog Trail Reroute, Plumley-Maud Bridge construction, McRoberts Creek stream bank remediation, various Hatcher Pass projects and Sutton Area Trail Maintenance.

The Mat-Su Trails Council Inc. will install an at grade wooden bridge using a technique referred to as puncheon. The crossing will be approximately 150' long x 8' wide and support all user groups. We hope you can include this year's Capital Budget.

Scott C. Lapiene

Mat-Su Trails Council President

## About the Mat-Su Trails Council

The Mat-Su Trails Council is an incorporated 503(c) non-profit whose purpose is to promote increased knowledge and understanding of Alaska trails, with emphasis on the Matanuska, Susitna, Nelchina upper Nenana and Knik River Drainages and to encourage proper practices and policies in the establishment, maintenance and use of trails.

The Mat-Su Trails Council has been actively involved in Mat-Su trails work for over 20 years. The Council is the only multi-modal trails organization in the Mat-Su Borough.



# Mat-Su Trails Council Inc.

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**Scott C. Lapiene**  
PO Box 2356  
Palmer, Alaska 99645

**Phone: (907) 373-7568 eve**  
**Phone: (907) 351-5534 cell**  
**Email: mstc.inc@gmail.com**

March 10, 2013

Senator Bishop  
Representative Feige

## Purinton Creek Trail Remediation

Representative Feige requested letters of non-objection from DNR and DOT. Mr. Feige also requested that we validate the cost estimate. Attached is a letter from DNR. DOT, per the Right Of Way Office, does not give letters of non-objection.

DNR supports the project and has a concern that the proposed crossing will not support heavy equipment used by miners in the area. The proposed crossing will support all uses permitted under the State's Generally Allowed Uses regulations, i.e. up to 10,000#. This proposal covers the vast majority of uses and heavy equipment used for mining is a tiny fraction of the trail use. Additionally heavy equipment over 10,000# requires a special permit and is usually only moved when the ground is frozen. DNR has asked if we could put a weight limit sign on the crossing and we agreed to do so.

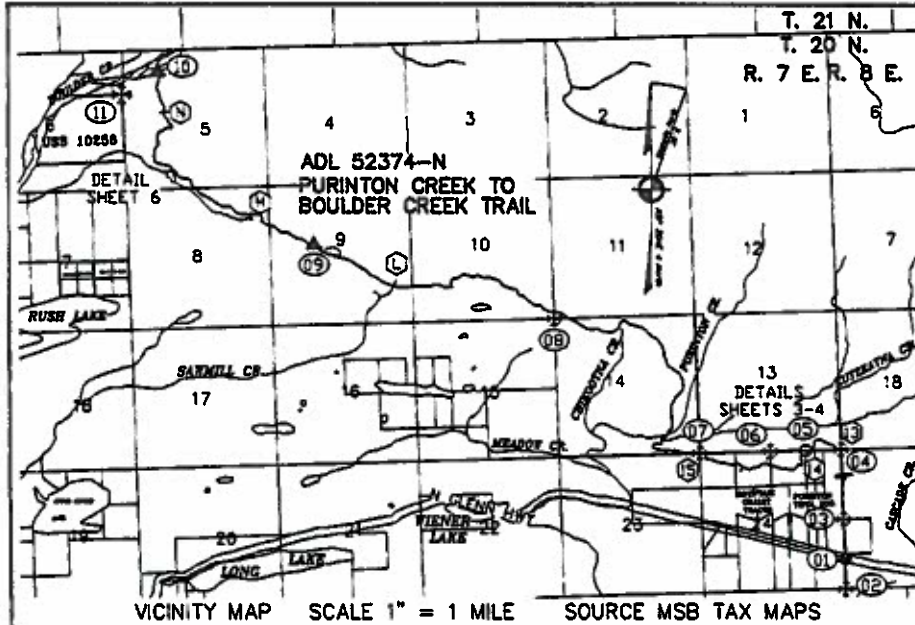
DOT ROW said that we can submit an Application for Temporary Use, \$200 non-refundable, for use of the parking lot and then they could provide a letter of non-objection. The project is approximately 2500' outside the DOT ROW and outside their area. If not having this letter kills the funding, so be it. It doesn't seem appropriate that we pay to use a parking lot that everyone else is using for free just so we could get a letter of non-objection.

The cost estimate was based on building the crossing at location 'B', page 3, of the easement location diagram, attached. It is the shortest currently used route. That location is 150' in length. There is another crossing within the easement, exactly on the section line, about 250' in length. Material cost from Spenard Builders Supply came in at approximately \$170/ft or \$25,500 for the 150' crossing and \$42,500 for the 250' crossing. DNR has the final say on the location and they may require it be built on the section line. This would leave the shorter crossing open for heavy mining equipment.

The Trails Council requests that you fund the longer crossing. If there are excess funds the Trails Council, with permission from DNR, would use them to make repairs further up the trail or seek the perscription sought by DNR described in their attached letter.

Scott C. Lapiene

Mat-Su Trails Council President



**SURVEY NOTES**

This survey was conducted by McClintock Land Associates, Inc., during July, 2009 using Topcon dual-frequency Glonass-enabled GPS receivers and processed using TOPCON Tools v.7.2. Data was collected using three permanent bases and three roving receivers collecting data at ten second epochs.

Geodetic coordinates are NAD83 (2007) based on NGS Station "PURIN" which was recovered in excellent condition as described in the NGS Datasheet Recovery Notes. NGS record geodetic coordinates of N 61°48'16.51506" , W 148°05'21" and an NAVD 88 Elevation of 2297.66' were held for Station "PURIN," and the static network was constrained to this position.

NAD 27 coordinates were computed using a direct conversion in TOPCON Tools 7.2 and are not intended for use except to correlate to the USGS Quad Maps and meet DNR requirements.

Background property line mapping is the Matanuska Susitna Borough Tax Maps provided by the MSB assessment and GIS departments. Section Line positions are protracted and have been translated to fit the surveyed positions at the BLM Section Corner Monument recovered at the corner of Sections 13 & 24, T. 20 N., R. 6 E. and Sections 18 and 19, T. 20 N., R. 7 E., S.M. Alaska. All areas will not necessarily plot accurately.

This data exceeds the "Minimum Mapping Requirements for Trail Location Maps on DNR Managed Lands" as defined by DNR in 1/3/2002 guidelines.

|   |                  |  |                           |   |  |
|---|------------------|--|---------------------------|---|--|
| SURVEYED BY<br>STEPHEN STOLL PLS, CFedS<br>T. WILLETS & J. BOOKLESS, Crew   |                  | SURVEY DATE<br>BEGIN 7/07/2009<br>END 07/07/2009   |                           | SURVEY EQUIP.<br>TOPCON HIPER, Gc & CR3<br>SURVEY GRADE RECEIVERS   |  |
| <b>EASEMENT LOCATION DIAGRAM</b><br><b>ADL NO. 52374-N</b><br><b>PURINTON CREEK TO BOULDER CREEK TRAIL</b>                            |                  |  |                           |   |  |
| LOCATED WITHIN<br>SECTIONS 5, 8, 9, 10, 11, 13, 14 AND 23.<br>T. 20 N., R. 7 E  |                  |  |                           |   |  |
| SEWARD MERIDIAN, ALASKA   |                  |  | PALMER RECORDING DISTRICT |   |  |
| PREPARED BY<br><b>McCLINTOCK LAND ASSOCIATES, INC</b><br>16942 N. Eagle River Loop Rd.<br>EAGLE RIVER, ALASKA 99577<br>(907) 694-4499 |                  | PREPARED FOR<br><b>MATANUSKA-SUSITNA BOROUGH</b><br>350 East Dahlia Avenue<br>Palmer, Alaska 99645<br>(907) 745-4801 |                           | PREPARED FOR<br><b>STATE OF ALASKA</b><br><b>DEPARTMENT OF NATURAL RESOURCES</b><br><b>DIVISION OF MINING, LAND AND WATER</b><br><b>SOUTHCENTRAL REGION-ANCHORAGE, AK</b> |  |
| DWN SS  | PROJ. NO. 09-142 | 1" = 1 MILE  | SHEET: 01 OF 04           |   |  |
| CHK VM  | DATE: 7/15/09    | FB 09-142-1 & 2  | FILE NO. ADL 52374-N      |   |  |

**SURVEYOR'S CERTIFICATE**



I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, AND THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT TO THE BEST OF MY KNOWLEDGE.

\_\_\_\_\_  
STEPHEN STOLL 6726-LS

\_\_\_\_\_  
DATE

**CERTIFICATE OF NATURAL RESOURCE MANAGER**

**STATE OF ALASKA**

**DEPARTMENT OF NATURAL RESOURCES**

I HEREBY CERTIFY THAT I AM AUTHORIZED BY THE STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES, TO ADMINISTER EASEMENTS ACROSS STATE LANDS AND THAT THIS EASEMENT LOCATION DIAGRAM IS IN GENERAL CONFORMANCE WITH THE INTENT OF ADL 52374-N AND THAT I ACCEPT THIS DIAGRAM TO BE A TRUE REPRESENTATION THEREOF.

\_\_\_\_\_  
NATURAL RESOURCE MANAGER  
STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
SOUTHCENTRAL REGION

\_\_\_\_\_  
DATE

**LEGEND**

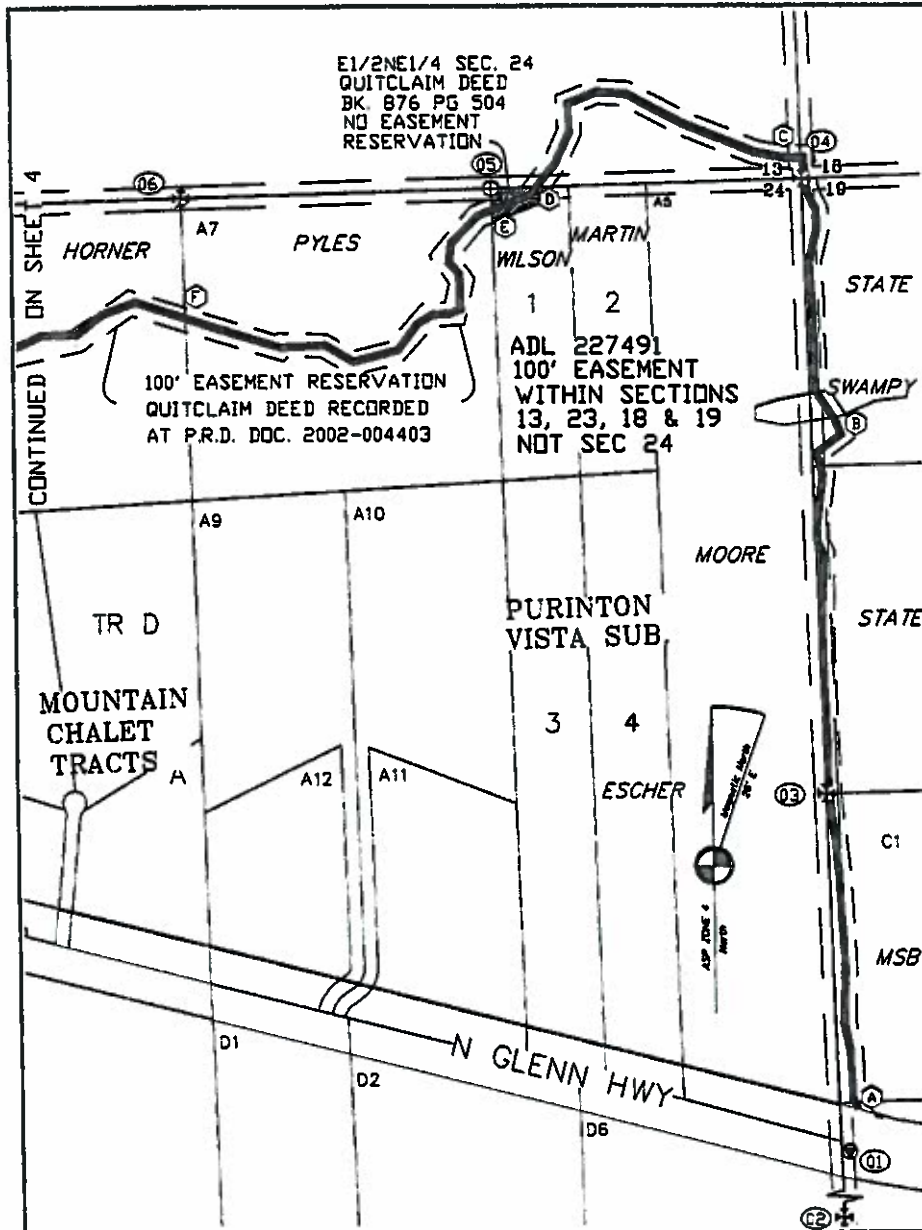
- ⊕ FOUND BLM/GLO MONUMENT
- ⊕ FOUND OTHER SURVEY MONUMENT
- × SET 8" SPIKE

**EASEMENT LOCATION DIAGRAM  
ADL NO. 52374-N  
*PURINTON CREEK TO BOULDER CREEK TRAIL***

LOCATED WITHIN  
SECTIONS 5, 8, 9, 10, 11, 13, 14 AND 23.  
T. 20 N., R. 7 E  
SEWARD MERIDIAN, ALASKA PALMER RECORDING DISTRICT

|   |  |  |
|---|--|--|
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|---|--|--|

|        |                  |                 |                     |
|--------|------------------|-----------------|---------------------|
| DWN SS | PROJ. NO. 09-142 | NO SCALE        | SHEET: 02 OF 04     |
| CHK VM | DATE: 7/15/09    | FB 09-142-1 & 2 | FILE NO ADL 52374-N |



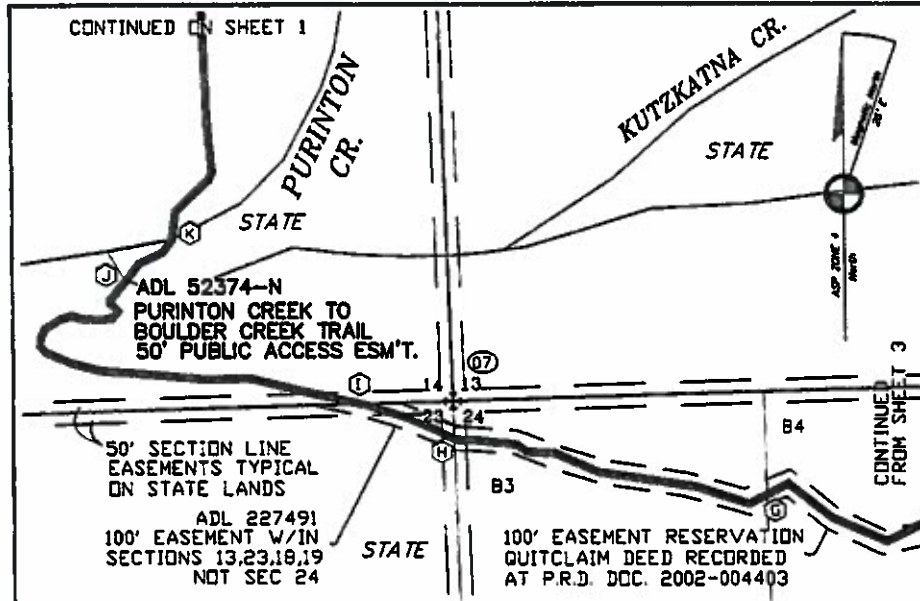
**EASEMENT LOCATION DIAGRAM  
ADL NO. 52374-N  
PURINTON CREEK TO BOULDER CREEK TRAIL**

LOCATED WITHIN  
SECTIONS 5, 8, 9, 10, 11, 13, 14 AND 23.  
T. 20 N., R. 7 E  
SEWARD MERIDIAN, ALASKA PALMER RECORDING DISTRICT

|   |   |  |
|---|---|--|
| PREPARED BY<br><b>McCLINTOCK LAND ASSOCIATES, INC</b><br>16942 N. Eagle River Loop Rd.<br>EAGLE RIVER, ALASKA 99577<br>(907) 694-4499 | PREPARED FOR<br><b>MATANUSKA-SUSTITNA BOROUGH</b><br>350 East Dahlia Avenue<br>Palmer, Alaska 99645<br>(907) 745-4801 | PREPARED FOR<br><b>STATE OF ALASKA</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF MINING, LAND AND WATER<br>SOUTH CENTRAL REGION-ANCHORAGE, AK. |
|---|---|--|

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| DWN SS | PROJ. NO. 09-142 | 1" = 500 FEET   | SHEET 03 OF 04       |
| CHK MW | DATE: 7/15/09    | FB 09-142-1 & 2 | FILE NO. ADL 52374-N |





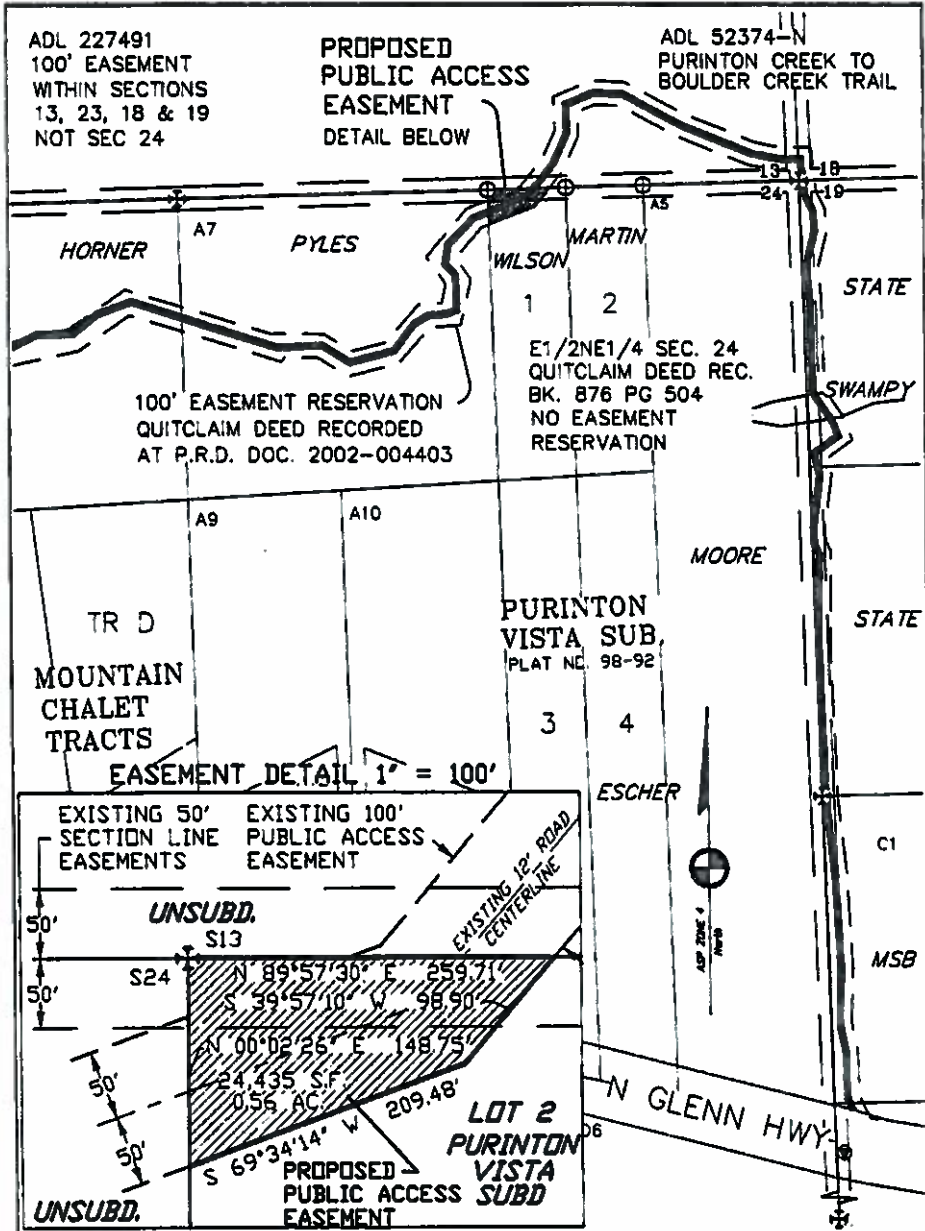
| PT NO. | POINT DESCRIPTION      | NAD 83 EPOCH 2007.00 |                   | NAD 27 CORPSCON 6.0 |                 |
|--------|------------------------|----------------------|-------------------|---------------------|-----------------|
|        |                        | LATITUDE             | LONGITUDE         | LATITUDE            | LONGITUDE       |
| 1      | PURIN                  | 61°48'16.51506 N     | 148°09'21.60108 W | 61 48 16.37624      | 148 05 13.62613 |
| 2      | SOUTH SECTION CORNER   | 61°48'05.59881 N     | 148°09'22.29894 W | 61 48 07.46106      | 148 05 14.32433 |
| 3      | QUARTER CORNER         | 61°48'31.59081 N     | 148°05'22.31872 W | 61 48 33.45539      | 148 05 14.34322 |
| 4      | SECTION CORNER 2       | 61°48'57.66586 N     | 148°05'22.27030 W | 61 48 59.53257      | 148 05 14.29390 |
| 5      | SIXTEENTH CORNER       | 61°48'57.66644 N     | 148°05'49.75694 W | 61 48 59.53346      | 148 06 41.77900 |
| 6      | QUARTER CORNER 2       | 61°48'57.67486 N     | 148°06'17.23693 W | 61 48 59.54219      | 148 06 09.25744 |
| 7      | SECTION CORNER 3       | 61°48'57.66171 N     | 148°07'12.18524 W | 61 48 59.62966      | 148 07 04.20266 |
| 8      | SEC COR 4              | 61°49'49.72884 N     | 148°09'02.21649 W | 61 49 51.60312      | 148 08 54.22754 |
| 9      | LAKES STIC             | 61°50'19.33865 N     | 148°12'08.20619 W | 61 50 21.22008      | 148 12 00.20961 |
| 10     | BOULDER CREEK          | 61°51'25.52822 N     | 148°14'05.52103 W | 61 51 27.41933      | 148 13 57.51619 |
| 11     | USS CORNER             | 61°51'17.59948 N     | 148°14'34.02856 W | 61 51 19.49060      | 148 14 26.02319 |
| A      | BEGIN TRAIL            | 61°48'16.3 N         | 148°05'20.8 W     | 61 48 20.2          | 148 05 12.8     |
| B      | ENTER 50' WIDE SWAMP   | 61°48'47.4 N         | 148°05'20.2 W     | 61 48 49.3          | 148 05 12.2     |
| C      | TRAIL-TS LINE          | 61°48'58.6 N         | 148°05'22.3 W     | 61 49 00.6          | 148 05 14.3     |
| D      | TRAIL-LOT 1            | 61°48'57.7 N         | 148°05'45.7 W     | 61 48 59.6          | 148 05 37.7     |
| E      | TRAIL-LOT 1            | 61°48'56.7 N         | 148°05'49.8 W     | 61 48 58.6          | 148 05 41.8     |
| F      | TRAIL-PROP LINE        | 61°48'52.6 N         | 148°06'17.3 W     | 61 48 64.6          | 148 06 09.3     |
| G      | TRAIL-PROP COR         | 61°48'53.3 N         | 148°06'44.7 W     | 61 48 55.2          | 148 06 36.7     |
| H      | TRAIL-PROP LINE        | 61°48'56.1 N         | 148°07'12.2 W     | 61 48 57.9          | 148 07 04.2     |
| I      | ADL 227491-ADL 52374-N | 61°48'57.7 N         | 148°07'20.2 W     | 61 48 59.6          | 148 07 12.2     |
| J      | TRAIL-WATER XING       | 61°49'03.2 N         | 148°07'40.8 W     | 61 49 05.1          | 148 07 32.8     |
| K      | TRAIL-WATER XING       | 61°49'04.9 N         | 148°07'36.5 W     | 61 49 06.8          | 148 07 28.5     |
| L      | TRAIL-WATER XING       | 61°50'03.4 N         | 148°11'06.7 W     | 61 50 05.3          | 148 10 58.7     |
| M      | TRAIL-WATER XING       | 61°50'31.4 N         | 148°12'51.7 W     | 61 50 33.3          | 148 12 43.7     |
| N      | TRAIL-WATER XING       | 61°51'10.6 N         | 148°14'01.5 W     | 61 51 12.5          | 148 13 53.5     |

**EASEMENT LOCATION DIAGRAM**  
**ADL NO. 52374-N**  
**PURINTON CREEK TO BOULDER CREEK TRAIL**

LOCATED WITHIN  
 SECTIONS 5, 8, 9, 10, 11, 13, 14 AND 23.  
 T. 20 N., R. 7 E  
 SEWARD MERIDIAN, ALASKA PALMER RECORDING DISTRICT

|   |  |   |
|---|--|---|
| PREPARED BY<br><b>McCLINTOCK LAND ASSOCIATES, INC</b><br>16942 N. Eagle River Loop Rd.<br>EAGLE RIVER, ALASKA 99577<br>(907) 694-4499 | PREPARED FOR<br><b>MATANUSKA-SUSITNA BOROUGH</b><br>350 East Dahlia Avenue<br>Palmer, Alaska 99645<br>(907) 745-4801 | PREPARED FOR<br><b>STATE OF ALASKA</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF MINING, LAND AND WATER<br>SOUTHCENTRAL REGION-ANCHORAGE, AK. |
|---|--|---|

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|--------|------------------|-----------------|----------------------|
| DWN SS | PROJ. NO. 09-142 | 1" = 500 FEET   | SHEET: 04 OF 04      |
| CHK MM | DATE: 7/15/09    | FB 09-142-1 & 2 | FILE NO. ADL 52374-N |



**EXHIBIT A  
PROPOSED PUBLIC ACCESS EASEMENT  
LOT 1 PURINTON VISTA SUBDIVISION**

PLAT FILING NO. 98-92 P.R.D.

LOCATED WITHIN  
SECTION 24, T. 20 N., R. 7 E  
CONTAINING 0.56 ACRES

SEWARD MERIDIAN, ALASKA

PALMER RECORDING DISTRICT

PREPARED BY  
**McCLINTOCK LAND ASSOCIATES, INC**  
16942 N. Eagle River Loop Rd.  
EAGLE RIVER, ALASKA 98577  
(907) 694-4499

PREPARED FOR  
**MATANUSKA-SUSITNA BOROUGH**  
350 East Dahlia Avenue  
Palmer, Alaska 99645  
(907) 745-4801

PREPARED FOR  
**STATE OF ALASKA**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND AND WATER  
SOUTHCENTRAL REGION-ANCHORAGE, AK.

|        |                  |                 |                 |
|--------|------------------|-----------------|-----------------|
| DWN SS | PROJ. NO. 09-142 | 1" = 500 FEET   | SHEET: 01 OF 01 |
| CHK MM | DATE: 2/22/10    | FB 09-142-1 & 2 | FILE NO.        |





THE STATE  
of **ALASKA**  
GOVERNOR SEAN PARNELL

**Department of  
Natural Resources**

Division of Mining, Land & Water  
Southcentral Regional Office

550 West 7th Avenue, Suite 900  
Anchorage, Alaska 99501-3577  
Main: 907.269.8503  
TDD: 907.269.8411  
Fax: 907.269.8913

March 8, 2013

Mat-Su Trails Council Inc.  
PO Box 2356  
Palmer, AK 99645

Dear Budget Committee:

The Department of Natural Resources – Division of Mining, Land, & Water (DNR-DMLW) recognizes trails are an important public resource and strongly supports appropriate improvements that foster sustainability on trails across the state.

We see significant value in the Mat-Su Trails Council's dedication to improving trails and specifically their interest in addressing a swampy area of the Puritan Creek Trail (ADL 52374-N). The preliminary design proposed is a 150' long by 8' wide puncheon and will accommodate some, but not all user groups. This project has value in that it may serve to limit damage to the targeted wet area, but it is clearly a short-term solution.

DNR-DMLW prefers to facilitate long-term sustainable solutions on trail projects on public lands. In this area we know of certain user conflicts and increasing user pressures that argue for a long term strategy when it comes to trail location and improvements. Taking such an approach would mean accomplishing an approved trail prescription addressing proper trail alignment, user groups to be served, associated construction costs, and sustainability. We would welcome suggestions for funding strategies that might lead to such a project.

If funded, we will work with the Mat-Su Trails Council to create a solution for the above specified area on the Puritan Creek Trail. We look forward to collaborative efforts in the necessary permitting process of this project.

Sincerely,

A handwritten signature in black ink that reads "Richard B. Thompson".

Richard B. Thompson  
Southcentral Regional Manager