



_DSC0658.NEF



_DSC0661.NEF



_DSC0664.NEF



_DSC0667.NEF



_DSC0670.NEF



_DSC0673.NEF



_DSC0676.NEF



_DSC0679.NEF



_DSC0682.NEF



_DSC0685.NEF



_DSC0688.NEF



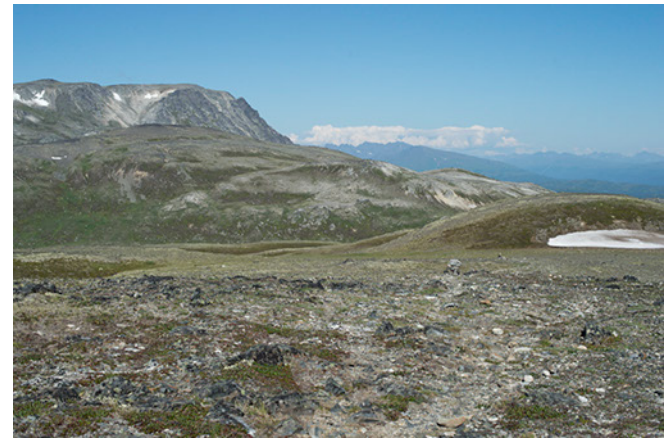
_DSC0691.NEF



_DSC0694.NEF



_DSC0697.NEF



_DSC0715.NEF



_DSC0718.NEF



_DSC0721.NEF



_DSC0724.NEF



_DSC1452.NEF



_DSC1455.NEF



_DSC1458.NEF



_DSC1461.NEF



_DSC1464.NEF



_DSC1467.NEF



_DSC1470.NEF



_DSC1473.NEF



_DSC1476.NEF



_DSC1479.NEF



_DSC1482.NEF



_DSC1485.NEF



_DSC1488.NEF



_DSC1491.NEF



_DSC1494.NEF



_DSC1497.NEF



_DSC1500.NEF



_DSC1503.NEF



_DSC1506.NEF



_DSC1509.NEF



_DSC1512.NEF



_DSC1515.NEF



_DSC1518.NEF



_DSC1521.NEF



_DSC1536.NEF



_DSC1539.NEF



_DSC1542.NEF



_DSC1545.NEF



_DSC1548.NEF



_DSC1551.NEF



_DSC1554.NEF



_DSC1557.NEF



_DSC1560.NEF



_DSC1563.NEF



_DSC1566.NEF



_DSC1569.NEF



_DSC1572.NEF



_DSC1575.NEF



_DSC1578.NEF



_DSC1581.NEF



_DSC1584.NEF



_DSC1587.NEF



_DSC1590.NEF



_DSC1593.NEF



_DSC1596.NEF



_DSC1599.NEF



_DSC1602.NEF



_DSC1605.NEF



_DSC1608.NEF



_DSC1626.NEF



_DSC1629.NEF



_DSC1632.NEF



_DSC1635.NEF



_DSC1639.NEF



_DSC1642.NEF



_DSC1645.NEF



_DSC1648.NEF



_DSC1651.NEF



_DSC1654.NEF



_DSC1657.NEF



_DSC1660.NEF



_DSC1663.NEF



_DSC1666.NEF



_DSC1669.NEF



_DSC1672.NEF



_DSC1674.NEF



_DSC1677.NEF



_DSC1680.NEF



_DSC1683.NEF



_DSC1686.NEF



_DSC1689.NEF



_DSC1692.NEF



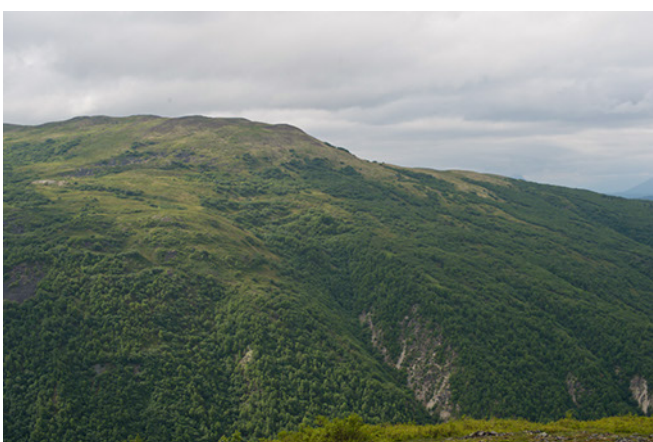
_DSC1697.NEF



_DSC1700.NEF



_DSC1703.NEF



_DSC1705.NEF



_DSC1708.NEF



_DSC1711.NEF



_DSC1714.NEF



_DSC1717.NEF



_DSC1720.NEF



_DSC1723.NEF



_DSC1726.NEF



_DSC1729.NEF



_DSC1732.NEF



_DSC1736.NEF



_DSC1739.NEF



_DSC1742.NEF



_DSC1745.NEF



_DSC1748.NEF



_DSC1751.NEF



_DSC1754.NEF



_DSC1757.NEF



_DSC1760.NEF



_DSC1762.NEF



_DSC1765.NEF



_DSC1768.NEF



_DSC1771.NEF



_DSC1774.NEF



_DSC1777.NEF



_DSC1780.NEF



_DSC1783.NEF



_DSC1786.NEF



_DSC1789.NEF



_DSC1792.NEF



_DSC1795.NEF



_DSC1798.NEF



_DSC1802.NEF



_DSC1805.NEF



_DSC1808.NEF



_DSC1811.NEF



_DSC1814.NEF



_DSC1817.NEF



_DSC1820.NEF



_DSC1823.NEF



_DSC1826.NEF



_DSC1829.NEF



_DSC1832.NEF



_DSC1835.NEF



_DSC1837.NEF



_DSC1840.NEF



_DSC1843.NEF



_DSC1846.NEF



_DSC1849.NEF



_DSC1852.NEF



_DSC1855.NEF



_DSC1858.NEF



_DSC1861.NEF



_DSC1864.NEF



_DSC1867.NEF



_DSC1870.NEF



_DSC1873.NEF



_DSC1876.NEF



_DSC1880.NEF



_DSC1883.NEF



_DSC1886.NEF



_DSC1889.NEF



_DSC1892.NEF



_DSC1895.NEF



_DSC1898.NEF



_DSC1901.NEF



_DSC1904.NEF



_DSC1907.NEF



_DSC1910.NEF



_DSC1913.NEF



_DSC1916.NEF



_DSC1918.NEF



_DSC1921.NEF



_DSC1924.NEF



_DSC1927.NEF



_DSC1930.NEF



_DSC1933.NEF



_DSC1936.NEF



_DSC1939.NEF



_DSC1942.NEF



_DSC1945.NEF



_DSC1948.NEF



_DSC1951.NEF



_DSC1954.NEF



_DSC1957.NEF



_DSC1960.NEF



_DSC1963.NEF



_DSC1966.NEF



_DSC1969.NEF



_DSC1972.NEF



_DSC1975.NEF



_DSC1978.NEF



_DSC1981.NEF



_DSC1984.NEF



_DSC1987.NEF



_DSC1990.NEF



_DSC1994.NEF



_DSC1997.NEF



_DSC2000.NEF



_DSC2003.NEF



_DSC2006.NEF



_DSC2009.NEF



_DSC2012.NEF



_DSC2015.NEF



_DSC2018.NEF



_DSC2021.NEF



_DSC2024.NEF



_DSC2027.NEF



_DSC2030.NEF



_DSC2033.NEF



_DSC2036.NEF



_DSC2039.NEF



_DSC2042.NEF



_DSC2045.NEF



_DSC2047.NEF



_DSC2050.NEF



_DSC2053.NEF



_DSC2056.NEF



_DSC2059.NEF



_DSC2062.NEF



_DSC2065.NEF



_DSC2068.NEF



_DSC2071.NEF



_DSC2074.NEF



_DSC2077.NEF



_DSC2077.NEF



_DSC2080.NEF



_DSC2080.NEF



_DSC2083.NEF



_DSC2086.NEF



_DSC2089.NEF



_DSC2092.NEF



_DSC2095.NEF



_DSC2098.NEF



_DSC2101.NEF



_DSC2104.NEF



_DSC2107.NEF



_DSC2110.NEF



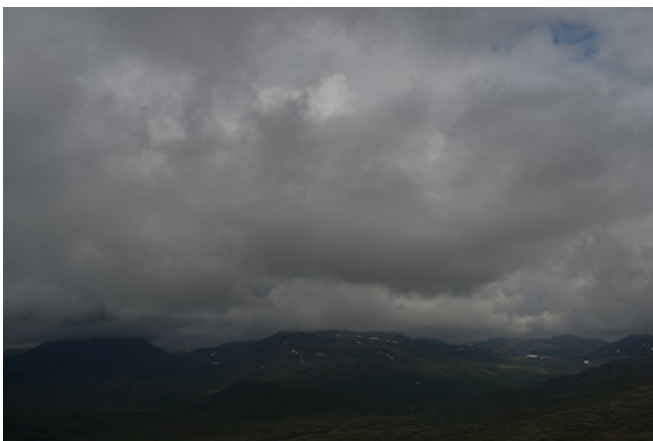
_DSC2113.NEF



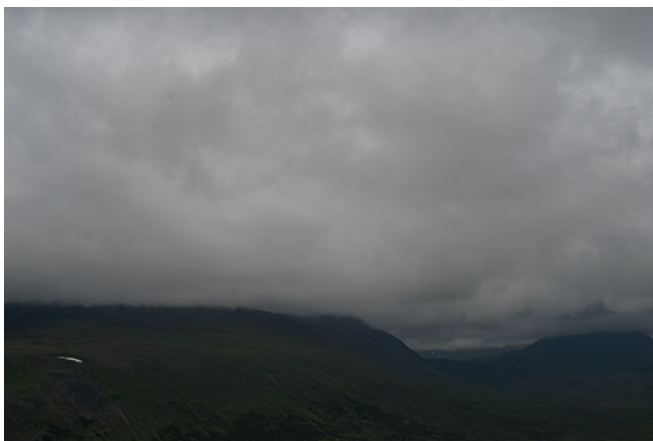
_DSC2116.NEF



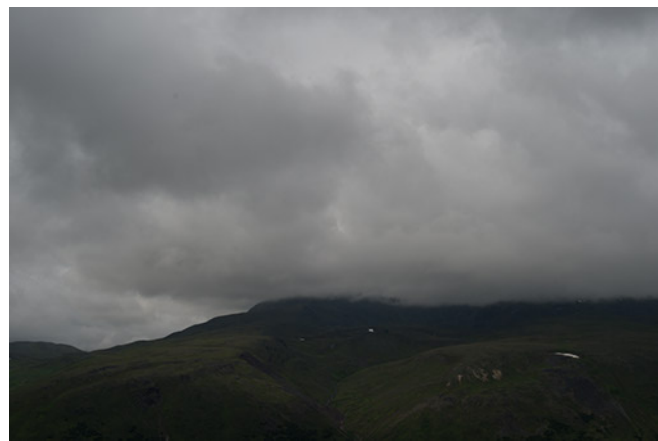
_DSC2119.NEF



_DSC2122.NEF



_DSC2125.NEF



_DSC2128.NEF



_DSC2132.NEF



_DSC2135.NEF



_DSC2138.NEF



_DSC2141.NEF



_DSC2168.NEF



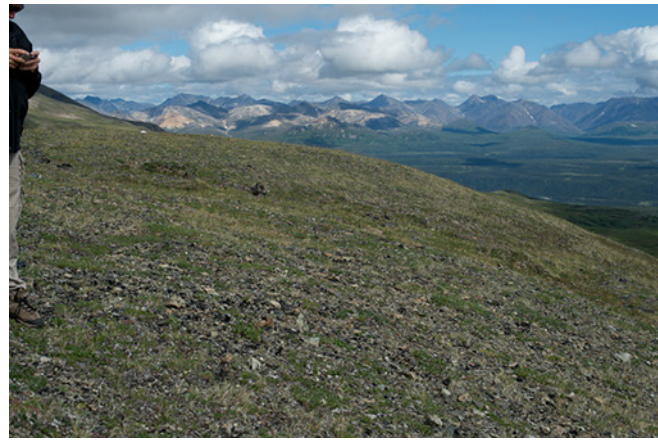
_DSC2171.NEF



_DSC2174.NEF



_DSC2177.NEF



_DSC2179.NEF



_DSC2182.NEF



_DSC2185.NEF



_DSC2188.NEF



_DSC2191.NEF



_DSC2194.NEF



_DSC2197.NEF



_DSC2200.NEF



_DSC2203.NEF



_DSC2206.NEF



_DSC2209.NEF



_DSC2212.NEF



_DSC2215.NEF



_DSC2218.NEF



_DSC2221.NEF



_DSC2224.NEF



_DSC2227.NEF



_DSC2230.NEF



_DSC2233.NEF



_DSC2236.NEF



_DSC2239.NEF



_DSC2242.NEF



_DSC2245.NEF



_DSC2260.NEF



_DSC2263.NEF



_DSC2266.NEF



_DSC2269.NEF



_DSC2272.NEF



_DSC2275.NEF



_DSC2278.NEF



_DSC2281.NEF



_DSC2284.NEF



_DSC2287.NEF



_DSC2290.NEF



_DSC2293.NEF



_DSC2296.NEF



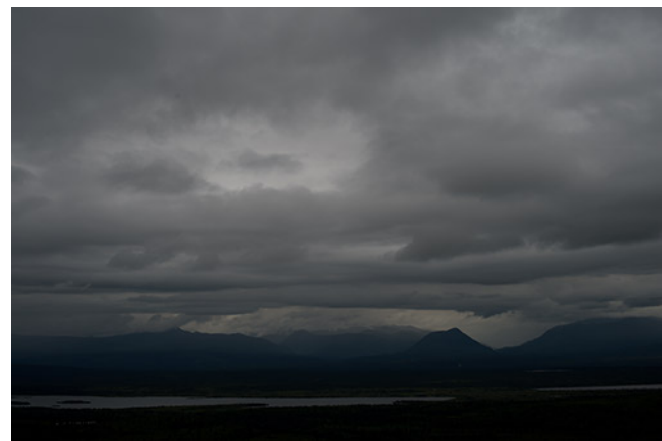
_DSC2299.NEF



_DSC2302.NEF



_DSC2305.NEF



_DSC2308.NEF



_DSC2311.NEF



_DSC2314.NEF



_DSC2329.NEF



_DSC2332.NEF



_DSC2335.NEF



_DSC2338.NEF



_DSC2341.NEF



_DSC2344.NEF



_DSC2347.NEF



_DSC2350.NEF



_DSC2353.NEF



_DSC2356.NEF



_DSC2359.NEF



_DSC2362.NEF



_DSC2365.NEF



_DSC2368.NEF



_DSC2371.NEF



_DSC2374.NEF



_DSC2377.NEF



_DSC2380.NEF



_DSC2383.NEF



_DSC2386.NEF



_DSC2389.NEF



_DSC2392.NEF



_DSC2395.NEF



_DSC2402.NEF



_DSC2405.NEF



_DSC2408.NEF



_DSC2411.NEF



_DSC2414.NEF



_DSC2417.NEF



_DSC2420.NEF



_DSC2423.NEF



_DSC2426.NEF



_DSC2448.NEF



_DSC2451.NEF



_DSC2454.NEF



_DSC2457.NEF



_DSC2460.NEF



_DSC2463.NEF



_DSC2466.NEF



_DSC2469.NEF



_DSC2472.NEF



_DSC2473.NEF



_DSC2476.NEF



_DSC2478.NEF



_DSC2479.NEF



_DSC2481.NEF



_DSC2484.NEF



_DSC2487.NEF



_DSC2490.NEF



_DSC2493.NEF



_DSC2496.NEF



_DSC2499.NEF



_DSC2502.NEF



_DSC2541.NEF



_DSC2544.NEF



_DSC2547.NEF



_DSC2550.NEF



_DSC2553.NEF



_DSC2556.NEF



_DSC2559.NEF



_DSC2562.NEF



_DSC2565.NEF



_DSC2612.NEF



_DSC2615.NEF



_DSC2618.NEF



_DSC2621.NEF



_DSC2648.NEF



_DSC2651.NEF



_DSC2654.NEF



_DSC2657.NEF



_DSC2660.NEF



_DSC2663.NEF



_DSC2666.NEF



_DSC2669.NEF



_DSC2672.NEF



_DSC2675.NEF



_DSC2678.NEF



_DSC2681.NEF



_DSC2684.NEF



_DSC2687.NEF



_DSC2690.NEF



_DSC2693.NEF



_DSC2696.NEF



_DSC2699.NEF



_DSC2702.NEF



_DSC2705.NEF



_DSC2708.NEF



_DSC2711.NEF



_DSC2716.NEF



_DSC2719.NEF



_DSC2722.NEF



_DSC2725.NEF



_DSC2728.NEF



_DSC2731.NEF



_DSC2733.NEF



_DSC2736.NEF



_DSC2739.NEF



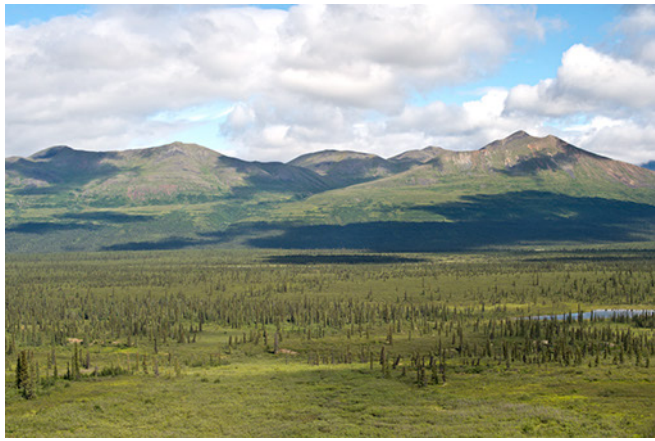
_DSC2742.NEF



_DSC2748.NEF



_DSC2751.NEF



_DSC2754.NEF



_DSC2757.NEF



_DSC2760.NEF



_DSC2763.NEF



_DSC2766.NEF



_DSC2791.NEF



_DSC2794.NEF



_DSC2797.NEF



_DSC2800.NEF



_DSC2817.NEF



_DSC2820.NEF



_DSC2823.NEF



_DSC2826.NEF



_DSC2829.NEF



_DSC2832.NEF



_DSC2835.NEF



_DSC2838.NEF



_DSC2845.NEF



_DSC2848.NEF



_DSC2851.NEF



_DSC2854.NEF



_DSC2857.NEF



_DSC2860.NEF



_DSC2862.NEF



_DSC2862.tif



_DSC2865.NEF



_DSC2865.tif



_DSC2868.NEF



_DSC2868.tif



_DSC2871.NEF



_DSC2871.tif



_DSC2874.NEF



_DSC2874.tif



_DSC2877.NEF



_DSC2877.tif



_DSC2883.NEF



_DSC2886.NEF



_DSC2889.NEF



_DSC2892.NEF



_DSC2895.NEF



_DSC2898.NEF



_DSC2901.NEF



_DSC2904.NEF



_DSC2907.NEF



_DSC2910.NEF



_DSC2914.NEF



_DSC2917.NEF



_DSC2920.NEF



_DSC2923.NEF



_DSC2926.NEF



_DSC2929.NEF



_DSC2932.NEF



_DSC2935.NEF



_DSC2938.NEF



_DSC2941.NEF



_DSC2974.NEF



_DSC2977.NEF



_DSC2980.NEF



_DSC2983.NEF



_DSC2986.NEF



_DSC2989.NEF



_DSC2992.NEF



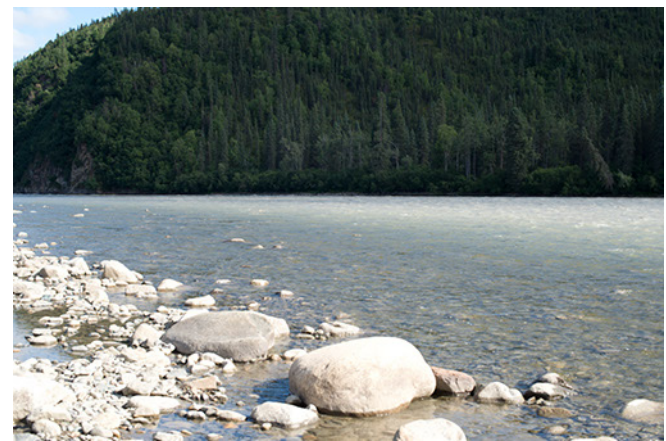
_DSC2995.NEF



_DSC2998.NEF



_DSC3001.NEF



_DSC3007.NEF



_DSC3010.NEF



_DSC3013.NEF



_DSC3016.NEF



_DSC3019.NEF



_DSC3022.NEF



_DSC3024.NEF



_DSC3027.NEF



_DSC3030.NEF



_DSC3033.NEF



_DSC3036.NEF



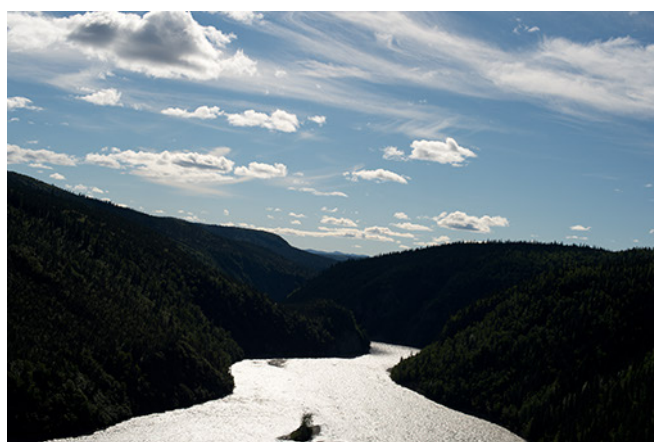
_DSC3057.NEF



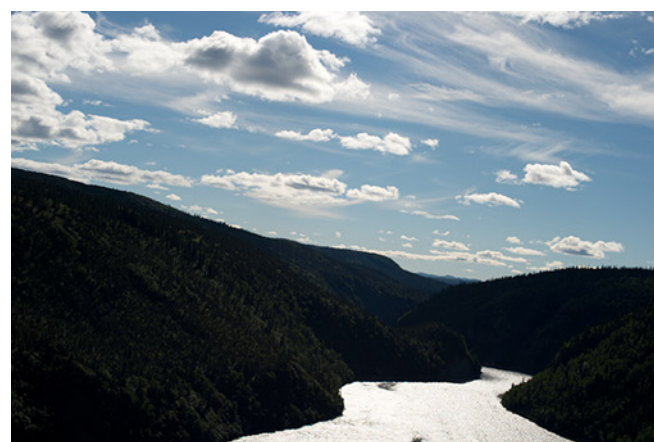
_DSC3060.NEF



_DSC3063.NEF



_DSC3066.NEF



_DSC3069.NEF



_DSC3072.NEF



_DSC3114.NEF



_DSC3117.NEF



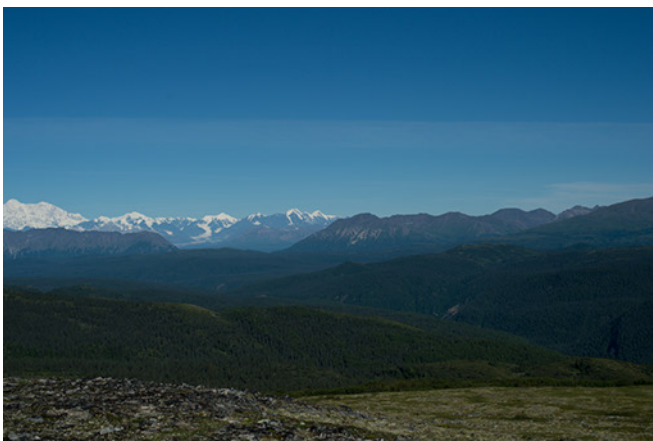
_DSC3120.NEF



_DSC3123.NEF



_DSC3138.NEF



_DSC3141.NEF



_DSC3144.NEF



_DSC3147.NEF



_DSC3150.NEF



_DSC3165.NEF



_DSC3168.NEF



_DSC3171.NEF



_DSC3174.NEF



_DSC3234.NEF



_DSC3237.NEF



_DSC3240.NEF



_DSC3243.NEF



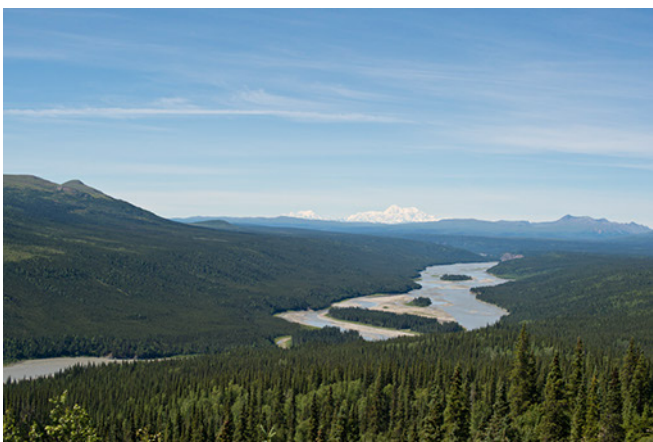
_DSC3246.NEF



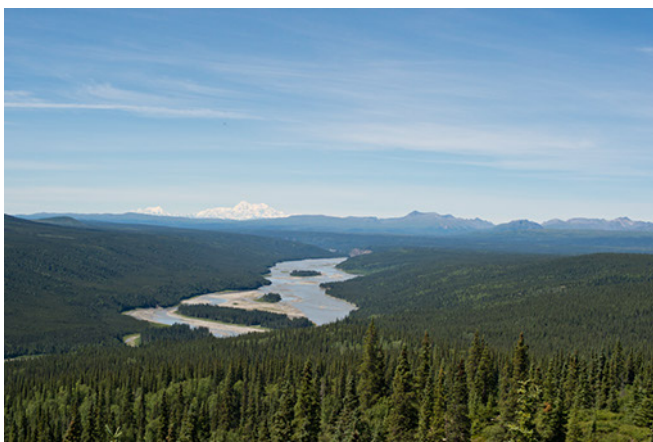
_DSC3249.NEF



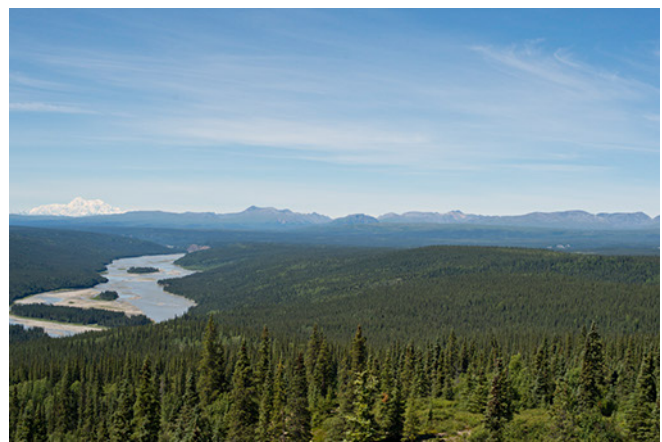
_DSC3253.NEF



_DSC3256.NEF



_DSC3259.NEF



_DSC3262.NEF



_DSC3303.NEF



_DSC3306.NEF



_DSC3309.NEF



_DSC3312.NEF



_DSC3315.NEF



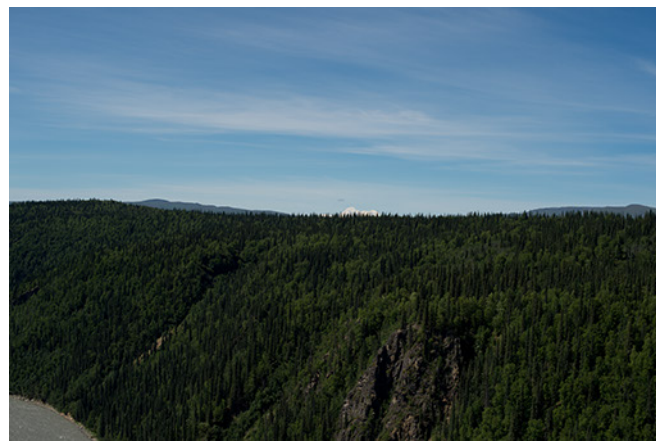
_DSC3318.NEF



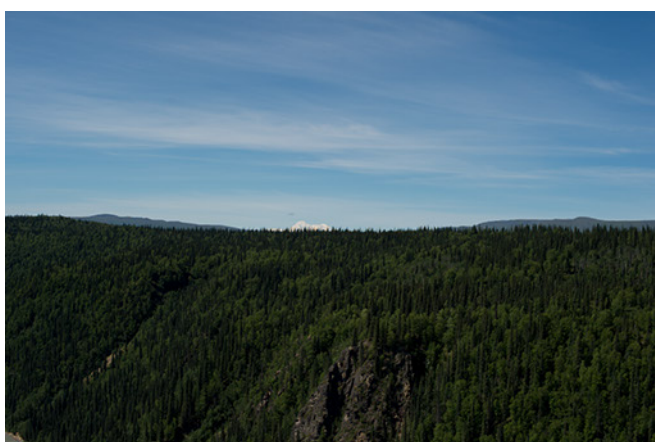
_DSC3321.NEF



_DSC3324.NEF



_DSC3327.NEF



_DSC3330.NEF



_DSC3333.NEF



_DSC3336.NEF



_DSC3339.NEF



_DSC3342.NEF

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/14/2013 Time Zone: AST Standard Daylight

Photographer: LTK / EW / EA

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8
31	3:30 PM	50mm	P	X	43°46'13.91"N	Photo # 457-458	460-462	463-465	466-468	469-471	472-474	475-477
		50mm	P	Y	148°46'55.41"W	Direction	S	SW	E	E	ENE	NE
32	3:40 PM	50mm	P	X	43°46'13.91"N	Photo # 476-480	481-483	484-486	487-489	490-492	493-495	496-498
		50mm	P	Y	148°46'55.41"W	Direction	N	NE	E	ESE	SSW	S
33	3:44 PM	50mm	P	X	43°46'13.91"N	Photo # 499-701	702-704	705-707	708-710	711-713		
		50mm	P	Y	148°46'55.41"W	Direction	SW	W	WNW	WNW		
35	4:55 PM	50mm	P	X	43°46'13.48"N	Photo # 714-716	717-719	720-722	723-725			
		50mm	P	Y	148°46'55.37"W	Direction	NEE	ENE	E	ESE		

URS - Photo Log Form_Summer2013_07-14-13 pg1of1.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/15/2013 Time Zone: AST Standard Daylight

Photographer: King / Whiteman / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8
100	10:50 AM	50mm	P	X	43°46'13.79"N	Photo # 1452-1454	1455-1457	1458-1460	1461-1463			
		50mm	P	Y	148°46'57.37"W	Direction	NE	NNW	NNW	NNW		
100	11:50 AM	50mm	P	X	43°46'13.79"N	Photo # 1471-1473	1474-1476	1477-1479	1480-1482			
		50mm	P	Y	148°46'57.37"W	Direction	NE	NNW	NNW	NNW		

URS - Photo Log Form_Summer2013_07-15-13 pg1of2.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/15/2013 Time Zone: AST Standard Daylight

Photographer: King / Whiteman

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8
10	5:30 PM	50mm	P	X	43°46'10.5527"N	Photo # 1536-1538	1539-1541	1542-1544	1545-1547	1548-1550		
		50mm	P	Y	148°46'57.9237"W	Direction	NE	N	NEE	NE	E	E
20	5:40 PM	50mm	P	X	43°46'10.5527"N	Photo # 1570-1572	1573-1575	1576-1578	1579-1581	1582-1584		
		50mm	P	Y	148°46'57.9237"W	Direction	NE	N	NEE	NE	E	E

URS - Photo Log Form_Summer2013_07-15-13 pg2of2.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/16/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8
103	10:50 AM	50mm	P	X	43°46'13.91"N	Photo # 1551-1553	1554-1556	1557-1559	1560-1562	1563-1565	1566-1568	
		50mm	P	Y	147°46'53.32"W	Direction	NEE	N	NNW	NNW	NNW	W
103	10:55 AM	50mm	P	X	43°46'13.91"N	Photo # 1569-1571	1572-1574	1575-1577	1578-1580	1581-1583	1584-1586	
		50mm	P	Y	147°46'53.32"W	Direction	W	WNW	WNW	WNW	WNW	N

URS - Photo Log Form_Summer2013_07-16-13 pg1of4.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/16/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8
105	1:20 PM	50mm	P	X	43°46'14.47"N	Photo # 1562-1564	1565-1567	1568-1570	1571-1573			
		50mm	P	Y	147°46'57.38"W	Direction	NNW	NNW	W	SW		
105	1:25 PM	50mm	P	X	43°46'14.47"N	Photo # 1582-1584	1585-1587	1588-1590	1591-1593	1594-1596		
		50mm	P	Y	147°46'57.38"W	Direction	NE	NNW	NNW	W	WSW	

URS - Photo Log Form_Summer2013_07-16-13 pg2of4.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/16/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
107	3:50 PM	50mm	P	X	43°46'14.47"N	Photo # 1595-1597	1598-1600	1601-1603	1604-1606	1607-1609	1610-1612	1613-1615	2000-foot upstream Watana River
		50mm	P	Y	147°46'57.38"W	Direction	W	WNW	WNW	W	WSW	WSW	
108	4:15 PM	50mm	P	X	43°46'14.47"N	Photo # 1720-1722	1723-1725	1726-1728	1729-1731	1732-1734			
		50mm	P	Y	148°46'57.38"W	Direction	SW	SW	W	W			

URS - Photo Log Form_Summer2013_07-16-13 pg3of4.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/16/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
109	6:15 PM	50mm	P	X	43°46'14.47"N	Photo # 1735-1737	1738-1740	1741-1743	1744-1746	1747-1749	1750-1752		2000-foot upstream Watana River
		50mm	P	Y	147°46'57.38"W	Direction	SW	W	W	WSW	WSW		
109	6:15 PM	50mm	P	X	43°46'14.47"N	Photo # 1753-1755	1756-1758	1759-1761					2000-foot upstream Watana River
		50mm	P	Y	147°46'57.38"W	Direction	SW	W	W				

URS - Photo Log Form_Summer2013_07-16-13 pg4of4.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/17/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
110	10:50 AM	50mm	P	X	43°46'14.47"N	Photo # 1801-1803	1804-1806	1807-1809	1810-1812	1813-1815	1816-1818		
		50mm	P	Y	147°46'57.38"W	Direction	SW	W	W	WSW	WSW		
111	10:55 AM	50mm	P	X	43°46'14.47"N	Photo # 1819-1821	1822-1824	1825-1827	1828-1830	1831-1833	1834-1836		
		50mm	P	Y	147°46'57.38"W	Direction	N	NE	NE	NE	NE		

URS - Photo Log Form_Summer2013_07-17-13 pg1of4.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/17/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
112	2:00 PM	50mm	P	X	43°46'14.47"N	Photo # 1841-1843	1844-1846	1847-1849	1850-1852	1853-1855	1856-1858		2000-foot
		50mm	P	Y	148°46'57.38"W	Direction	SW	SW	SW	SW	SW		
113	2:05 PM	50mm	P	X	43°46'14.47"N	Photo # 1864-1866	1867-1869	1870-1872	1873-1875				upstream at 2000-foot
		50mm	P	Y	148°46'57.38"W	Direction	SW	SW	SW				

URS - Photo Log Form_Summer2013_07-17-13 pg2of4.pdf

SUSTNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date: 7/17/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King / Applyby

AL or POP #	Time	Camera Type and #	Vert Deg	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
114	3:30 PM	50mm	P	X	43°46'14.47"N	Photo # 1881-1883	1884-1886	1887-1889	1890-1892	1893-1895	1896-1898		
		50mm	P	Y	148°46'57.38"W	Direction	SW	SW	SW	SW	SW		
115	3:30 PM	50mm	P	X	43°46'14.47"N	Photo # 1901-1903	1904-1906	1907-1909	1910-1912	1913-1915			
		50mm	P	Y	148°46'57.38"W	Direction	SW	SW	SW	SW			

URS - Photo Log Form_Summer2013_07-17-13 pg3of4.pdf

SUSITNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date/Time: 00-mmm 7/23/2013 Time Zone: AST Standard Daylight

Photographer: King / Whiteman / Appleby

AL or POP #	Time	Camera Type and #	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
122	4:50 PM	DA	X	43deg57'18.8457"N	Photo # 2071-2073	2074-2075	2077-2079	2080-2082				
		50mm	P	D	Y	Direction	NE	E	E	SE		
123	5:15 PM	DA	X	43deg57'18.8457"N	Photo # 2083-2085	2086-2088	2089-2091	2092-2094				
		50mm	P	+S	Y	Direction	SE	E	E	NE		
124	5:15 PM	DA	X	43deg57'18.8457"N	Photo # 2095-2097	2098-2100	2101-2103	2104-2106	2107-2109	2110-2112		
		50mm	P	0	Y	Direction	NW	N	NNE	ENE	ESE	SE
125	5:15 PM	DA	X	43deg57'18.8457"N	Photo # 2113-2115	2116-2118	2119-2121	2122-2124	2125-2127	2128-2130		
		50mm	P	+S	Y	Direction	SE	ESE	ENE	NNE	N	NNW
126	5:20 PM	DA	X	43deg57'18.8457"N	Photo # 2130-2132	2133-2135	2136-2138	2139-2141	2142-2144	2145-2147	2148-2150	
		28mm	P	+S	Y	Direction	NW	NNE	NE	ENE	E	ESE

URS - Photo Log Form_Summer2013_07-17-13 pg4of4.pdf

SUSITNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date/Time: 00-mmm 7/23/2013 Time Zone: AST Standard Daylight

Photographer: Whiteman / King

AL or POP #	Time	Camera Type and #	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
140	9:39 AM	DA	X	43deg57'18.8457"N	Photo # 2151-2153	2154-2156	2157-2159	2160-2162				
		50mm	P	0	Y	Direction	NE	SE	SE	S		
141	9:39 AM	DA	X	43deg57'18.8457"N	Photo # 2163-2165	2166-2168	2169-2171	2172-2174	2175-2177	2178-2180		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
142	9:39 AM	DA	X	43deg57'18.8457"N	Photo # 2181-2183	2184-2186	2187-2189	2190-2192	2193-2195	2196-2198		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
143	9:39 AM	DA	X	43deg57'18.8457"N	Photo # 2199-2201	2202-2204	2205-2207	2208-2210	2211-2213	2214-2216		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
144	9:39 AM	DA	X	43deg57'18.8457"N	Photo # 2217-2219	2220-2222	2223-2225	2226-2228	2229-2231	2232-2234		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
145	10:17 AM	DA	X	43deg57'18.8457"N	Photo # 2235-2237	2238-2240	2241-2243	2244-2246	2247-2249	2250-2252		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
146	10:17 AM	DA	X	43deg57'18.8457"N	Photo # 2253-2255	2256-2258	2259-2261	2262-2264	2265-2267	2268-2270		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
147	10:17 AM	DA	X	43deg57'18.8457"N	Photo # 2271-2273	2274-2276	2277-2279	2280-2282	2283-2285	2286-2288		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
148	11:19 AM	DA	X	43deg57'18.8457"N	Photo # 2291-2293	2294-2296	2297-2299	2300-2302	2303-2305	2306-2308		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
149	11:19 AM	DA	X	43deg57'18.8457"N	Photo # 2309-2311	2312-2314	2315-2317	2318-2320				
		50mm	P	0	Y	Direction	NE	SE	SE	S		
150	11:19 AM	DA	X	43deg57'18.8457"N	Photo # 2321-2323	2324-2326	2327-2329	2330-2332	2333-2335	2336-2338		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
151	11:19 AM	DA	X	43deg57'18.8457"N	Photo # 2339-2341	2342-2344	2345-2347	2348-2350	2351-2353	2354-2356		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
152	11:19 AM	DA	X	43deg57'18.8457"N	Photo # 2357-2359	2360-2362	2363-2365	2366-2368	2369-2371	2372-2374		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
153	11:19 AM	DA	X	43deg57'18.8457"N	Photo # 2377-2379	2380-2382	2383-2385	2386-2388	2389-2391	2392-2394		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
154	12:48 PM	DA	X	43deg57'18.8457"N	Photo # 2397-2399	2400-2402	2403-2405	2406-2408	2409-2411	2412-2414		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		

URS - Photo Log Form_Summer2013_07-18-13 pg1of3.pdf

SUSITNA-WATANA HYDRO PROJECT URS PHOTO LOG

Date/Time: 00-mmm 7/23/2013 Time Zone: AST Standard Daylight

Photographer: King / Whiteman

AL or POP #	Time	Camera Type and #	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
144	10:08 PM	DA	X	43deg57'18.8457"N	Photo # 2235-2237	2238-2240	2241-2243	2244-2246	2247-2249	2250-2252		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
145	10:28 PM	DA	X	43deg57'18.8457"N	Photo # 2253-2255	2256-2258	2259-2261	2262-2264	2265-2267	2268-2270		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
146	10:28 PM	DA	X	43deg57'18.8457"N	Photo # 2271-2273	2274-2276	2277-2279	2280-2282	2283-2285	2286-2288		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
147	10:28 PM	DA	X	43deg57'18.8457"N	Photo # 2281-2283	2284-2286	2287-2289	2290-2292	2293-2295	2296-2298		
		50mm	P	+S	Y	Direction	NE	SE	SE	S		
148	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2299-2301	2302-2304	2305-2307	2308-2310	2311-2313	2314-2316		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
149	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2317-2319	2320-2322	2323-2325	2326-2328	2329-2331	2332-2334		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
150	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2335-2337	2338-2340	2341-2343	2344-2346	2347-2349	2350-2352		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
151	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2353-2355	2356-2358	2359-2361	2362-2364	2365-2367	2368-2370		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
152	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2371-2373	2374-2376	2377-2379	2380-2382	2383-2385	2386-2388		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
153	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2381-2383	2384-2386	2387-2389	2390-2392	2393-2395	2396-2398		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
154	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2397-2399	2400-2402	2403-2405	2406-2408	2409-2411	2412-2414		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
155	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2417-2419	2420-2422	2423-2425	2426-2428	2429-2431	2432-2434		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
156	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2437-2439	2440-2442	2443-2445	2446-2448	2449-2451	2452-2454		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
157	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2457-2459	2460-2462	2463-2465	2466-2468	2469-2471	2472-2474		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
158	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2477-2479	2480-2482	2483-2485	2486-2488	2489-2491	2492-2494		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
159	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2497-2499	2500-2502	2503-2505	2506-2508	2509-2511	2512-2514		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
160	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2517-2519	2520-2522	2523-2525	2526-2528	2529-2531	2532-2534		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
161	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2537-2539	2540-2542	2543-2545	2546-2548	2549-2551	2552-2554		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
162	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2557-2559	2560-2562	2563-2565	2566-2568	2569-2571	2572-2574		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
163	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2577-2579	2580-2582	2583-2585	2586-2588	2589-2591	2592-2594		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
164	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2597-2599	2600-2602	2603-2605	2606-2608	2609-2611	2612-2614		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
165	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2617-2619	2620-2622	2623-2625	2626-2628	2629-2631	2632-2634		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
166	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2637-2639	2640-2642	2643-2645	2646-2648	2649-2651	2652-2654		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
167	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2657-2659	2660-2662	2663-2665	2666-2668	2669-2671	2672-2674		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
168	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2677-2679	2680-2682	2683-2685	2686-2688	2689-2691	2692-2694		
		50mm	P	0	Y	Direction	NE	SE	SE	S		
169	1:09 PM	DA	X	43deg57'18.8457"N	Photo # 2697-2699	2700-2702	2703-2705	2706-2708	2709-2711	2712-2714		
		50mm	P	0	Y	Direction</						

SUSTANA WATANA HYDRO PROJECT URS PHOTO LOG

Date: 07/21/2013 Time Zone: Standard Daylight Page: 3 of 3 Photographer: Whitman / King

AL or POP #	Time	Camera Type and #	Vert Ang	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
176	5:29 PM	DA	0		Photo # 2102-2107	2108-2109							
		35mm	0		Direction SW	E							
178	5:30 PM	DA	0		Photo # 2108-2109	2111-2112	2104-2106	2107-2108	2100-2102	2103-2105	2106-2108		
		35mm	0		Direction WNW	WSW	N	NE	NE	NE	NE		
179	5:31 PM	DA	0		Photo # 2108-2109	2112-2113	2114-2115	2116-2117	2118-2119	2120-2121	2122-2123		
		35mm	0		Direction NE	NE	NE	N	WSW	WSW	WSW		
179	5:31 PM	DA	0		Photo # 2120-2121	2122-2123	2124-2125	2126-2127	2128-2129	2130-2131	2132-2133		
		35mm	0		Direction WSW	SW	S						
179	5:32 PM	DA	0		Photo # 2089-2094	2095-2096	2097-2098	2099-2100	2101-2102	2103-2104	2105-2106		2050-foot
		35mm	0		Direction SW	SW	SW	S	SW	SW			
179	5:33 PM	DA	0		Photo # 2029-2030	2031-2032	2033-2034	2035-2036	2037-2038	2039-2040	2041-2042		2050-foot
		35mm	0		Direction SW	SW	S	SW					
180	5:33 PM	DA	0		Photo # 2051-2052	2053-2054	2055-2056	2057-2058	2059-2060	2061-2062	2063-2064		Clear water at 15-foot
		35mm	0		Direction SW	S	SW	SW					
181	6:30 PM	DA	0		Photo # 2064-2066	2067-2068	2069-2070	2071-2072	2073-2074	2075-2076	2077-2078		1.5-foot
		35mm	0		Direction W	NE	ESE	E	ESE	SE			

SUSTANA WATANA HYDRO PROJECT URS PHOTO LOG

Date: 07/22/2013 Time Zone: Standard Daylight Page: 1 of 3 Photographer: Whitman / King

AL or POP #	Time	Camera Type and #	Vert Ang	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
180	10:05 AM	DA	0		Photo # 2135-2140	2141-2142	2143-2144	2145-2146	2147-2148	2149-2150			
		35mm	0		Direction W	WSW	WSW						
180	10:10 AM	DA	0		Photo # 2147-2153								
		35mm	0		Direction WSW								
181	10:13 AM	DA	0		Photo # 2155-2161	2162-2163	2164-2165	2166-2167	2168-2169	2170-2171			
		35mm	0		Direction SW	SW	SW	SW	SW	SW			
181	11:00 AM	DA	0		Photo # 2460-2461	2462-2463	2464-2465	2466-2467	2468-2469	2470-2471			
		35mm	0		Direction SW	SW	SW	SW	SW	SW			
182		DA	0		Photo # 2472-2473	2474-2475	2476-2477	2478-2479					
		35mm	0		Direction WSW	SW	S						
183	1:13 PM	DA	0		Photo # 2177-2182	2183-2184	2185-2186	2187-2188	2189-2190	2191-2192			
		35mm	0		Direction S	S							
183		DA	0		Photo # 2195-2199	2200-2201	2202-2203						
		35mm	0		Direction W	W	W						
184		DA	0		Photo # 2324-2327								
		35mm	0		Direction W								
185		DA	0		Photo # 2330-2334	2335-2336	2337-2338	2339-2340	2341-2342	2343-2344	2345-2346		Sea shoot
		35mm	0		Direction SW	SW	SW	SW	SW	SW	SW		

SUSTANA WATANA HYDRO PROJECT URS PHOTO LOG

Date: 07/22/2013 Time Zone: Standard Daylight Page: 2 of 3 Photographer: Whitman / King

AL or POP #	Time	Camera Type and #	Vert Ang	GPS Coordinates	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5	Photo 6	Photo 7	Photo 8	Notes
184	2:05 PM	DA	0		Photo # 2370-2387								
		35mm	0		Direction SW	SW							
184	2:06 PM	DA	0		Photo # 2485-2488								Additional pan
		35mm	0		Direction SW								
185	2:11 PM	DA	0		Photo # 2388-2317								2050-foot elevation
		35mm	0		Direction SW								
186	2:20 PM	DA	0		Photo # 2318-2322								2050-foot elevation
		35mm	0		Direction SW								
187		DA	0		Photo # 3330-3331	3332-3333	3334-3335	3336-3337	3338-3339	3340-3341	3342-3343		
		35mm	0		Direction NE	NE							
187		DA	0		Photo # 2348-2347								New view
		35mm	0		Direction SW								
		DA	0		Photo #								
		35mm	0		Direction								
		DA	0		Photo #								
		35mm	0		Direction								

URS - Photo Log Form_Summer2013_07-21-13 pg3of3.pdf

URS - Photo Log Form_Summer2013_07-22-13 pg1of2.pdf

URS - Photo Log Form_Summer2013_07-22-13 pg2of2.pdf