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August 26, 2005

Steve Germiot
Aspect Consulting LLC
811 First Ave., Suite 480
Seattle, WA 98104

RE: WRIA 31 Water Quality

Enclosed are the results of analyses for samples received by the laboratory on 11/18/04 16:50.
The following list is a summary of the NCA Work Orders contained in this report.
If you have any questions concerning this report, please feel free to contact me.

<u>Work</u>	<u>Project</u>	<u>ProjectNumber</u>
P4K0805	WRIA 31 Water Quality	030009-003/Rock Creek

Thank You,

Mary A. Fritzmann Smith, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network



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Aspect Consulting LLC 811 First Ave., Suite 480 Seattle, WA 98104	Project Name:	WRIA 31 Water Quality	
	Project Number:	030009-003/Rock Creek	<u>Report Created:</u>
	Project Manager:	Steve Germiot	08/26/05 09:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RC-02A-111804	P4K0805-01	Water	11/18/04 09:35	11/18/04 16:50
RC-FD-111804	P4K0805-02	Water	11/18/04 09:35	11/18/04 16:50
RC-03A-111804	P4K0805-03	Water	11/18/04 12:30	11/18/04 16:50



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	Project Number:	030009-003/Rock Creek	<u>Report Created:</u>
	Project Manager:	Steve Germiot	08/26/05 09:53

Conventional Chemistry Parameters per APHA/EPA Methods
 North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P4K0805-01	Water	RC-02A-111804	Sampled: 11/18/04 09:35							
Nitrate/Nitrite-Nitrogen	EPA 353.2	0.0231	-----	0.00500	mg/l	1x	4110924	11/19/04	11/19/04 10:29	
P4K0805-02	Water	RC-FD-111804	Sampled: 11/18/04 09:35							
Nitrate/Nitrite-Nitrogen	EPA 353.2	ND	-----	0.00500	mg/l	1x	4110924	11/19/04	11/19/04 10:29	
P4K0805-03	Water	RC-03A-111804	Sampled: 11/18/04 12:30							
Nitrate/Nitrite-Nitrogen	EPA 353.2	ND	-----	0.00500	mg/l	1x	4110924	11/19/04	11/19/04 10:29	

North Creek Analytical - Portland *The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Mary A. Fritzmann Smith

Mary A. Fritzmann Smith, Project Manager

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Aspect Consulting LLC 811 First Ave., Suite 480 Seattle, WA 98104	Project Name:	WRIA 31 Water Quality	
	Project Number:	030009-003/Rock Creek	<u>Report Created:</u>
	Project Manager:	Steve Germiot	08/26/05 09:53

Microbiological Parameters per APHA Standard Methods

North Creek Analytical - Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
P4K0805-01	Water	RC-02A-111804	Sampled: 11/18/04 09:35							
Fecal Coliforms	SM 9221	30.0	-----	2.00	MPN/100 ml	1x	4110909	11/18/04	11/19/04 16:00	
P4K0805-02	Water	RC-FD-111804	Sampled: 11/18/04 09:35							
Fecal Coliforms	SM 9221	50.0	-----	2.00	MPN/100 ml	1x	4110909	11/18/04	11/19/04 16:00	
P4K0805-03	Water	RC-03A-111804	Sampled: 11/18/04 12:30							
Fecal Coliforms	SM 9221	70.0	-----	2.00	MPN/100 ml	1x	4110909	11/18/04	11/19/04 16:00	

North Creek Analytical - Portland

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Mary A. Fritzmann Smith, Project Manager

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Aspect Consulting LLC	Project Name: WRIA 31 Water Quality	
811 First Ave., Suite 480	Project Number: 030009-003/Rock Creek	Report Created:
Seattle, WA 98104	Project Manager: Steve Germiot	08/26/05 09:53

Conventional Chemistry Parameters per APHA/EPA Methods - Laboratory Quality Control Results
 North Creek Analytical - Portland

QC Batch: 4110924 Water Preparation Method: General Preparation

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (4110924-BLK1)								Extracted: 11/19/04 08:36						
Nitrate/Nitrite-Nitrogen	EPA 353.2	ND	---	0.00500	mg/l	1x	--	--	--	--	--	--	11/19/04 10:29	
LCS (4110924-BS1)								Extracted: 11/19/04 08:36						
Nitrate/Nitrite-Nitrogen	EPA 353.2	0.0875	---	0.00500	mg/l	1x	--	0.100	87.5%	(85-115)	--	--	11/19/04 10:29	
Duplicate (4110924-DUP1)				QC Source: P4K0627-02				Extracted: 11/19/04 08:36						
Nitrate/Nitrite-Nitrogen	EPA 353.2	3.20	---	0.500	mg/l	100x	2.96	--	--	--	7.79% (20)	--	11/19/04 10:29	
Matrix Spike (4110924-MS1)				QC Source: P4K0627-02				Extracted: 11/19/04 08:36						
Nitrate/Nitrite-Nitrogen	EPA 353.2	6.84	---	0.500	mg/l	100x	2.96	5.00	77.6%	(75-125)	--	--	11/19/04 10:29	
Matrix Spike Dup (4110924-MSD1)				QC Source: P4K0627-02				Extracted: 11/19/04 08:36						
Nitrate/Nitrite-Nitrogen	EPA 353.2	7.32	---	0.500	mg/l	100x	2.96	5.00	87.2%	(75-125)	6.78% (20)	--	11/19/04 10:29	

Mary A. Fritzmann Smith



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	Project Number:	030009-003/Rock Creek	<u>Report Created:</u>
	Project Manager:	Steve Germiot	08/26/05 09:53

Microbiological Parameters per APHA Standard Methods - Laboratory Quality Control Results
 North Creek Analytical - Portland

QC Batch: 4110909 **Water Preparation Method: Aqueous Micro**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (4110909-BLK1)										Extracted: 11/18/04 16:45				
Fecal Coliforms	SM 9221	ND	---	2.00	MPN/100 ml	1x	--	--	--	--	--	--	11/19/04 15:30	

Aspect Consulting LLC

811 First Ave., Suite 480
Seattle, WA 98104

Project Name:

WRIA 31 Water Quality

Project Number:

030009-003/Rock Creek

Project Manager:

Steve Germiot

Report Created:

08/26/05 09:53

Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR / NA - Not Reported / Not Available
- dry - Sample results reported on a dry weight basis. Reporting Limits are corrected for %Solids when %Solids are <50%.
- wet - Sample results and reporting limits reported on a wet weight basis (as received).
- RPD - Relative Percent Difference. (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.





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CHAIN OF CUSTODY REPORT

Work Order #: **P440805**

CLIENT: Aspect Consulting		INVOICE TO: Aspect Consulting		TURNAROUND REQUEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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PHONE: 206-538-5830 FAX: 206-538-5853		P.O. NUMBER:		<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 <small>STD.</small>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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				<small>* Turnaround Requests less than standard may incur Rush Charges.</small>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Feul (5min/220)	Nitro (355.2)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30	#31	#32	#33	#34	#35	#36	#37	#38	#39	#40	#41	#42	#43	#44	#45	#46	#47	#48	#49	#50	#51	#52	#53	#54	#55	#56	#57	#58	#59	#60	#61	#62	#63	#64	#65	#66	#67	#68	#69	#70	#71	#72	#73	#74	#75	#76	#77	#78	#79	#80	#81	#82	#83	#84	#85	#86	#87	#88	#89	#90	#91	#92	#93	#94	#95	#96	#97	#98	#99	#100	#101	#102	#103	#104	#105	#106	#107	#108	#109	#110	#111	#112	#113	#114	#115	#116	#117	#118	#119	#120	#121	#122	#123	#124	#125	#126	#127	#128	#129	#130	#131	#132	#133	#134	#135	#136	#137	#138	#139	#140	#141	#142	#143	#144	#145	#146	#147	#148	#149	#150	#151	#152	#153	#154	#155	#156	#157	#158	#159	#160	#161	#162	#163	#164	#165	#166	#167	#168	#169	#170	#171	#172	#173	#174	#175	#176	#177	#178	#179	#180	#181	#182	#183	#184	#185	#186	#187	#188	#189	#190	#191	#192	#193	#194	#195	#196	#197	#198	#199	#200	#201	#202	#203	#204	#205	#206	#207	#208	#209	#210	#211	#212	#213	#214	#215	#216	#217	#218	#219	#220	#221	#222	#223	#224	#225	#226	#227	#228	#229	#230	#231	#232	#233	#234	#235	#236	#237	#238	#239	#240	#241	#242	#243	#244	#245	#246	#247	#248	#249	#250	#251	#252	#253	#254	#255	#256	#257	#258	#259	#260	#261	#262	#263	#264	#265	#266	#267	#268	#269	#270	#271	#272	#273	#274	#275	#276	#277	#278	#279	#280	#281	#282	#283	#284	#285	#286	#287	#288	#289	#290	#291	#292	#293	#294	#295	#296	#297	#298	#299	#300	#301	#302	#303	#304	#305	#306	#307	#308	#309	#310	#311	#312	#313	#314	#315	#316	#317	#318	#319	#320	#321	#322	#323	#324	#325	#326	#327	#328	#329	#330	#331	#332	#333	#334	#335	#336	#337	#338	#339	#340	#341	#342	#343	#344	#345	#346	#347	#348	#349	#350	#351	#352	#353	#354	#355	#356	#357	#358	#359	#360	#361	#362	#363	#364	#365	#366	#367	#368	#369	#370	#371	#372	#373	#374	#375	#376	#377	#378	#379	#380	#381	#382	#383	#384	#385	#386	#387	#388	#389	#390	#391	#392	#393	#394	#395	#396	#397	#398	#399	#400	#401	#402	#403	#404	#405	#406	#407	#408	#409	#410	#411	#412	#413	#414	#415	#416	#417	#418	#419	#420	#421	#422	#423	#424	#425	#426	#427	#428	#429	#430	#431	#432	#433	#434	#435	#436	#437	#438	#439	#440	#441	#442	#443	#444	#445	#446	#447	#448	#449	#450	#451	#452	#453	#454	#455	#456	#457	#458	#459	#460	#461	#462	#463	#464	#465	#466	#467	#468	#469	#470	#471	#472	#473	#474	#475	#476	#477	#478	#479	#480	#481	#482	#483	#484	#485	#486	#487	#488	#489	#490	#491	#492	#493	#494	#495	#496	#497	#498	#499	#500	#501	#502	#503	#504	#505	#506	#507	#508	#509	#510	#511	#512	#513	#514	#515	#516	#517	#518	#519	#520	#521	#522	#523	#524	#525	#526	#527	#528	#529	#530	#531	#532	#533	#534	#535	#536	#537	#538	#539	#540	#541	#542	#543	#544	#545	#546	#547	#548	#549	#550	#551	#552	#553	#554	#555	#556	#557	#558	#559	#560	#561	#562	#563	#564	#565	#566	#567	#568	#569	#570	#571	#572	#573	#574	#575	#576	#577	#578	#579	#580	#581	#582	#583	#584	#585	#586	#587	#588	#589	#590	#591	#592	#593	#594	#595	#596	#597	#598	#599	#600	#601	#602	#603	#604	#605	#606	#607	#608	#609	#610	#611	#612	#613	#614	#615	#616	#617	#618	#619	#620	#621	#622	#623	#624	#625	#626	#627	#628	#629	#630	#631	#632	#633	#634	#635	#636	#637	#638	#639	#640	#641	#642	#643	#644	#645	#646	#647	#648	#649	#650	#651	#652	#653	#654	#655	#656	#657	#658	#659	#660	#661	#662	#663	#664	#665	#666	#667	#668	#669	#670	#671	#672	#673	#674	#675	#676	#677	#678	#679	#680	#681	#682	#683	#684	#685	#686	#687	#688	#689	#690	#691	#692	#693	#694	#695	#696	#697	#698	#699	#7

NORTH CREEK ANALYTICAL COOLER RECEIPT FORM

Client: Aspact CORP. (Army Corp. compliant)

1. Please sign for receipt and opening of 1 cooler or other

By (print) Erica Fot (sign) Erica Fot

2. Date samples received 11/18/04 Date opened: Same or 1 / 1 /

3. Delivered by: NCA courier FedEx UPS Courier Client Other
Airbill # if applicable (Put copy of shipping papers in file)

4. There were 1 custody seals present, signed by Jay date 11, 18, 04.

5. Were the custody seals unbroken and intact at the date and time of arrival? Yes No

6. Was ice used? yes no Type of ice: blue ice gel ice real ice
Temperature (degrees C) Raytek thermometer 7.5°C Digi-Therm (probe temperature blank)

7. Are custody papers sealed in a plastic bag and taped inside to lid? Yes No

8. Were custody papers filled out properly (ink, signed, etc.)? Yes No
If "no" please specify:

9. Was project identifiable from custody papers? Yes No
Name of project Rock Creek (if applicable)

10. Initial and date for unpacking: EF (initials) date 11, 18, 04

11. Packing material: bubble wrap/bag styrofoam cardboard None other

12. Were samples in bags? Yes No

13. Did all containers indicated on the COC arrive? Yes No
If "no" please indicate which containers were absent

14. Were all containers unbroken and labels in good condition? Yes No
If "no" please indicate which containers

15. Were all bottle labels complete (ID, date, time, signature, etc.)? Yes No
Do the IDs, times, etc. agree with the COC? Yes No
If "no" please indicate which containers NO TIME ON #2

16. Are containers properly preserved for indicated analysis? Yes No

17. Is there adequate volume for the test(s) requested? Yes No

18. If voa vials were submitted, are they free of bubbles? N/A Yes No

19. Log-in phase: Date samples were logged in: 11/18/04 Elm Project # HR0805

20. Logged in by (print) Erica Fot (sign) Erica Fot

21. Was the project manager notified of status? (Use back of form as a record) Yes No