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NEHALEM MARINE

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To Whom It May Concern:

The following is a synopsis of the history and related qualifications of Leo Kuntz DBA Nehalem Marine Manufacturing:

Nehalem Marine is presently celebrating our 32nd successful year in the marine construction and restoration business. The original emphasis of the company was design and manufacture of ocean going deck machinery and rigging as well as shipyard and boat building activities. Nehalem Marine also has been involved in marine salvage and underwater construction since the early days. Our underwater activities also included tidegate installation and repair. In the early 90's we saw the need for an influx of marine technology into the fields of flood control and restoration. Our position as a marine manufacturer with decades of steel and aluminum experience in a marine environment has led to a series of very successful innovations in the installation and manufacture of tidegates and water control structures. Nehalem Marine developed and went on to manufacture a line of tidegates that are fast becoming the standard for excellence and dependability in the industry. Nehalem Marine, in cooperation with the National Estuary Project, invented, developed and manufactured the Mitigator fish passage device as a tidegate accessory which is probably one of the largest improvements involving tidegate juvenile fish passage and water quality within levied agricultural lands to date. Adult fish tidegate passage remained a problem and again Nehalem Marine rose to the need by developing a revolutionary new sidehinged tidegate that provides excellent adult fish passage. Our latest invention, the muted tidal regulator (US Patent #6988853 & Canadian Patent #2525176) is a tidegate accessory that allows extremely high level of restoration in areas that full reconnections are not possible. This year alone we have implemented many tidegate and restoration projects in all three western states.

During the 1980's we owned and operated a fish hatchery. This involved several species including Rainbow Trout, Steelhead, Salmon and Brook Trout. This activity involved all life cycles from eggs to release and we maintained our own brood stock of some selected species. The experiences during this period have proven to be a valuable asset in our current restoration activities.

Rip rap bank protection had become expensive and not favored by the regulatory agencies. In response Nehalem Marine developed a new bank stabilization method

utilizing drilled boulders and large woody debris that has also proved very successful and very environmentally friendly.

Nehalem Marine as a Defense Department Contractor developed and implemented the US Army Corp of Engineers Advanced Emergency Measures project which involved several sites in the Tillamook Bay System. This involved installation of tidegates, levee removal, engineered log jam/ flow control construction and various other segments. The project is credited with savings millions in flood related losses and FEMA insurance claims and continues to be a success. Nehalem Marine has completed various projects for the Corp of Engineers including emergency flood control operations, structure modification and removals and emergency jetty repairs. We also have supplied tidegates for USACAE projects in many other areas. In support of the USACAE Feasibility Study we engineered and installed electronic data collection stations and gathered years of flood level and flow data for the Corp. As a project manager and contractor working under FEMA's Project Impact Nehalem Marine designed and built a series of flood control projects in both the Nehalem and Tillamook systems. This included concrete gated spillways, tidegates, culverts and pumping stations. Nehalem Marine enjoys a good working relationship with US Fish and Wildlife and conducts many services for them ranging from maintaining ocean refuges and equipment, levee and tidegate installations, refuge repairs and maintenance. We designed, manufactured, delivered and installed numerous new tidegate systems for various west coast sites of the National Wildlife Refuge system. Nehalem Marine also conducts tidegate related work for Oregon Dept. of Transportation and completed a tidegate/ fish passage project for Cut Off Slough near Coos Bay. This project involved pre fabricated bulkheads and a new tidegate system all designed and manufactured by Nehalem Marine. In the same area we have completed tidegate and restoration projects for both Coos County Highway Dept. and Coos Watershed Association that are providing great increases in water quality, fish passage and flood control. Tillamook Bay National Estuary Project relied on our company to develop and implement many fish passage/ tidegate projects over several years. The drainage districts that Nehalem Marine maintains and provides tidegates and other services are too numerous to list for example in 1999 we implemented 39 different projects in the tidal area. This company researched and then engineered the TBHEID's Lower Wilson- Trask Restoration and Flood Mitigation Project, which was just modeled as a option for the US Army Corp of Engineers Feasibility Study. This involved design and development of several action items including gated spillways, fish friendly tidegates, setback levee construction, restoration and reconnection of historic sloughs, levee removal and swale construction. Nehalem Marine produced concept, engineering and the entire package of hydraulic and physical modification for input into the Mike 11 model. Trust for Public Lands also utilizes our services for implementation of environmental buyouts. Our strong understanding of the tidal estuary together with our willingness to work with citizens has made possible several wetland projects through TPL and our other customers. Tillamook County Emergency Management has also been a long and frequent customer. We have conducted many water related emergency measures as well as erected the coastal tsunami/disaster warning system. Several Ports also use our services for every thing from wetland consulting and routine maintenance to emergency response. Nehalem Marine responded the winters flood emergencies in Coos

County and was solely responsible for closing the levee breach at Libby and dewatering the community.

The company has been involved in numerous creek restoration projects from beginning concept all the way to full implementation. An example of this would be our Rodgers Creek project for Coos Watershed which included building a complete creek system including LWD placements, excavation and grading. Ducks Unlimited and Crest also called on Nehalem Marine to implement a tidal restoration project on the Lewis and Clark River. This involved levee removal, channel construction, LWD placements and subsequent planting. This project was successfully implemented in a very delicate tidal wetland with a very large quantity of excavation and overhaul.

We also have been involved in several system wide (bay to headwaters) restoration projects. Several of our system wide projects such as our Rocky Gulch and Willanch Creek projects are now yielding some great improvements in fish bearing. Willanch involved removing numerous barriers to fish passage, designing and installing bridges, installing LWD, road decommissions and planting. US Fish & Wildlife's Salmon Creek restoration project is another system wide restoration effort that Nehalem Marine has been involved in since conception and is currently implementing.

During the 1990's Nehalem Marine was very active in building the transoceanic fiber optic cable system. This began with the permitting, legal and political issues dealing with the land to ocean links prior to the building of the system. We conducted at sea quality control on the first Northstar cable connecting Oregon with both upper and lower Alaska. Nehalem Marine went on to numerous jobs including taking part in the construction of the landing station, land to sea boring, building and conducting shore cable landings and installing fiber cable shore side to sea. The system is now built and provides the US with fiber optic connections to Alaska, Hawaii, Japan and China. Our clients included WCI Cable Inc, Tyco International, Southern Cross and Neptune Communications.

Design and installation of fish screening for flood control pumps and municipal water intakes is also a service this company provides. Working with HBH Consulting Engineers we recently conducted successful inwater projects in several locations including South Yamhill River, Coquille River and Breitenbush Wild and Scenic area.

Nehalem Marine provides a host of services to the ODFW Fish hatchery system. This has included major hatchery expansions and various other works. We also respond to emergency situations at the hatcheries and implement various repairs and actions required to keep them functioning.

Fish passage related bridge construction is also a Nehalem Marine product. The company has built a variety of bridges to provide increased and improved fish passage. The company has also developed it's own line of composite bridge designs that provide a excellent low cost and simply installed structure.

Priding ourselves as tidal restoration, levee and tidegate specialists we own a fleet of equipment to conduct this type of work. This includes excavators, compactors, track and highway trucks etc. We also have invested in special equipment and tooling to offer our customers state of the art service within our specialized field. We maintain a small manufacturing facility that produces a wide range of water control structures and allows us to provide the latest in water control and fish passage technology to our customers.

In the last few years we have completed numerous tidegate, restoration and flood control projects from Washington State to California. These include a large emergency levee repair near Tillamook in which we closed a 1000' breach just ahead of a rising flood successfully. Nehalem Marine completed the Kentuck tidegate/ bridge project which featured our new muted tidal regulator. The project is considered the present state of the art for tidegate and fish passage in the Northwest and is probably the largest tidegate project on the West coast. Another MTR equipped project was a large sidehinge retrofit at Humboldt Bay National Wildlife Refuge. An additional new full installation with a "Mitigator" equipped sidehinge was also conducted nearby. California Dept. of Fish & Wildlife received a complete design build tidegate weir package at their Eel River Refuge. BLM received a number of new installations in the last couple of years including another new tidegate design that is buoyancy compensated. This last series of installations were located at the Dean Creek elk viewing area on the Umqua River. In the spring our construction crew conducted a large levee rebuild for US Fish & Wildlife on the Little Nestucca River. Over 3000 feet of degraded levee was rebuilt to top standards involving thousands of yards of material. The Little Nestucca Restoration project was our next venture for Ducks Unlimited and USFW which involved moving thousands of feet of levee, building new setback levees, new tidegates, constructing new sloughs and creeks, Large woody debris placements. This large tidal restoration project was completed within 4 months and is huge success yielding a very large restored area of juvenile salmon habitat. Our friends at Coos Watershed required another tidegate project involving two sites on Catching Slough. We successfully slip lined one failing highway tidegate crossing and installed a new mitigator equipped tidegate. Another nearby site received yet another new tidegate installation. Our crews then moved to the Smith River and conducted a full sidehinge installation. Salmon Creek 1 restoration project was another very large tidegate project we completed on Humboldt Bay. We provided complete design build services for a large cast in place tidegate structure, manufactured and installed the tidegates. This project was completed and is now providing flood protection as well as providing an additional 3000 feet of historic Salmon Creek that has been isolated for almost a century. Nehalem Marine has done several tidegate projects for the City of Arcata. We just completed a state of the art MTR equipped tidegate project at the Arcata Marsh. This included design, manufacture and installation. Our tidegate manufacturing facility has continued to turn out numerous tidegates for many west coast projects such as the North Bend Airport mitigation site. Governor Kulongowski's Oregon Solutions Team turned to Nehalem Marine to design and implement a series of flood control projects near Tillamook. In mid February 08 we were tasked with full design build of these large structures. In four months Nehalem Marine engineered and designed the projects, aided in permitting the project and began construction. The first large structure is already completed and the functioned very successfully during the flood of

early November. The second large cast in place tidegate structure was completed in the Spring of 09 and is currently providing a much greater degree of flood protection to several districts and the town of Tillamook. The Army Corp of Engineers Columbia River Channel Mitigation Project has also procured a number of tidegates and accessories for their project. This includes sidehinge tidegates and specially designed sluice gates. This project was also successfully completed fall 08. In early December 08 we completed design build on another large tidegate facility for US Fish & Wildlife Service at the Humboldt Bay National Wildlife Refuge. Nature Conservancy of Washington procured our services to design and build a large new tidegate system for Fisher Slough near Mount Vernon. The series of sidehinge tidegates were installed early fall 09 successfully. The Muted Tidal Regulator system was install in November 09 and is now providing a muted tide for Fisher Slough.

In 09 alone Nehalem Marine delivered several additional successful restoration, emergency and tidegate projects including Youngs Bay, multiple sites for Clatsop County including a MTR, Trask Drainage Dist. , Astoria Airport, Arcata Marsh, N. Bend Airport, USACAE Columbia Mitigation Project and Catching Slough. We also conducted a number of emergency bank stabilizations and major levee repairs from Northern Washington well into California.

So far in 2010 we have completed several specialized projects in tidewater conditions including a new Muted Tidal Regulator based tidegate system for Clatsop County on the Walluski River. Our crews just completed the final segment in a decade long system wide restoration effort on Willanch Slough and Creek near Coos Bay. This final segment included a Muted Tidal Regulator based tidegate system for Coos Watershed and is now providing a huge improvement in fish passage and water quality. Nehalem Marine also offers full design build services for wetland and flood control projects. We were recently commissioned by Beaver Slough Drainage District to design and build the Winter Lake/ China Creek 2000 acre restoration project near Coquille.

We currently are engaged in several large restoration and flood control projects up and down the West Coast and continue to manufacture a large line of both sidehinge and tophinge tidegates at our manufacturing shop near Nehalem. We were awarded a US patent on our muted tidal regulator (MTR) and have just recently been awarded a Canadian patent on this tidegate control device that is revolutionary in the tidegate field. We currently are adapting the MTR to complement our already successful line of tidegates. We pride ourselves on producing the most dependable, redundant and rugged tidegate products in the world as well as 24/7 service to our many valued customers.

Sincerely,

Leo Kuntz/ Nehalem Marine