

An aerial photograph of a large-scale maritime dredging operation. A massive vessel is positioned in the sea, with a long, articulated conveyor system extending from its deck into the water. The conveyor appears to be transporting material from the seabed. The water is a deep blue, and the sky is clear. The company name and contact information are overlaid on the image.

Coastal Dredging Ltd.

**7A Carrickbrennan Rd.
Monkstown
Co. Dublin**

Tel: +353868031249

Email: mbldredging@ireland.com

COMPANY PROFILE

Coastal Dredging Ltd

About Us:

Coastal Dredging Ltd, formerly known as Marine Blast Ltd was established in 1986 by its founder and current Owner/Director Pat Murphy.

Pat has over 30 years' experience in the Marine Construction industry and is well known for his "never say it can't be done" attitude. He is revered both nationally and internationally for his pioneering work in the development of modern dredging equipment and his proven methods of construction in the Marine industry.

Pat's professional development goes back further to 1974 when he started up his own earthmoving company and by 1979 he had become the biggest earthmoving contractor in Ireland and the United Kingdom, one of his contracts involved moving over 1 million cubic meters of material per year, from an open cast coal mine in Scotland.

After 1979 Pat concentrated his efforts on the marine sector, winning pipeline, dredging and blasting contracts from the biggest marine dredging contractor at the time Holland Dredging. During the time period from 1979 – 1986, Pat has been acknowledged by the Dutch as being the first marine contractor to successfully open cut a pipeline trench in running sand conditions and credited as being responsible for developing the world's first underwater rock breaker with Rammer rock breakers in 1988.

During this time and up to present day Pat has become known as an expert in his field (dredging, underwater blasting, and the placing of rock armour) and was the first and is still the preferred dredging contractor used by the Dept. of Marine in Ireland. Coastal Dredging Ltd. continues to expand across Europe in various sectors of the industry, acquiring dredging contracts along Spanish and Norwegian coastlines and work in conjunction with Ireland's leading marine design consultancy RPS Group. RPS Group is a leading multi-disciplinary, all island consultancy providing Planning, Engineering, Environmental and Communications services for Public Agencies, Government Departments and Private Clients.

Our People We have a well-trained, highly experienced and motivated staff. Our site management teams, our foremen, tradesmen and our operatives are all able to deliver projects to the highest quality standards and we have an ongoing reputation for achieving exceptional finishes. We strive to ensure that our employees have the necessary skills and knowledge to perform at the highest level and provide ongoing training to ensure all our people realise their full potential.

We are best known for our experience in:

Dredging



Outfalls



Rock Blasting



Rock Armour



Environment Safeguarding the environment calls for attention to detail on many fronts, including how we use energy and resources, how we procure goods and services, and how we produce and dispose of waste. We aim to operate at a level above the standards required by environmental and waste legislation.

Health and Safety Health and Safety is critically important in construction and good working practices are essential. The management team of Coastal Dredging Ltd. gives the highest priority to ensuring that our own employees and all other employees on sites managed by our company, can work safely, healthily, and free from injury.

Coastal Dredging Ltd. has a proven reputation for delivering on projects of which we and our clients can be proud and we pride ourselves on the level and extent of repeat business we acquire from highly satisfied clients.

Ireland Office: 7A Carrickbrennan Road, Monkstown, Co. Dublin. Republic of Ireland. Tel: +353 (0) 868031249

VESSELS AVAILABLE FOR PROPOSED CONTRACT

Coastal Dredging Ltd

(Vessels available for proposed contract)



The "JARIF"

Vessel Name:	"JARIF"	Engines:	2 x 1194HP Cummins
Year of Built:	2006	Gross Tonnage:	1575
Length Overall:	82m	Hopper Capacity:	1600 cubic meter
Breadth:	11.50m Max.	Dredging Depth:	25m
Depth:	5.10m	Travelling Excavator:	1.5 cubic meter grab
Draft:	4.25m	Discharge:	8 Bottom Doors plus Pipeline
Suction Pipe:	650mm		



5No. Barges

5 No. 660 cubic meter capacity barges, 60m length x 10 beam hopper with a 1.5m draft unladen and 3m draft when fully Laden. Barges are powered by twin 300hp engines and shuttle drives.

Coastal Dredging Ltd

(Vessel available for proposed project)



The "Aoibheann"

(Backhoe Dredger)

Registered :	Dublin , Flag Irish.
Certification:	Loadline exemption ,Issued by D.O.M.
Year of build:	1989.
Pontoon:	Dismountable , 27mts x 14mts x2.75 mts.
Spud Legs:	2 No 18mts long x0.8x0.8mts square.
Winches :	3 No Hydraulic 30 ton pull.
Generators :	John Deer 65 K.V.A.
Accommodation :	1 office, 1mess room, 1changing room, toilet/shower.
Stores Workshop :	Below deck 3 No.
Fuel oil :	10 Tons.
Fresh water:	5 Tons.
Excavator :	Hitachi 1100 (110 tons)
Engine :	Cummins QSK 19 (600HP)
Mounting :	Track frame bolted to deck (stern).
Dig depth :	14.5 mts with 4.5 m3 bucket
Global Positioning/depth control :	Leica/Prolec System.
Coms:	4 No VHF Radios.
Rockbreaker :	Rammer G130 Underwater. (8 Tons.)

PREVIOUS PROJECT PROFILE

(1980 -2010)

Portrane Outfall, Dublin

contracts completed

Client: Fingal Co. Council

Engineer: Barry & Partners

Contractor: Siac - Aecom JV.

Project Value: €30.5m

Period: 2010

**Project
Description:**

This project involved the construction of the civil engineering works associated with a 1mØ 1110m run of HDPE outfall pipeline and Diffuser from the newly constructed Sewage treatment facility. Trench excavation required through rock and heavy silt material.

The works involved the construction of the following:

1. Open cut excavation of 190m of foreshore trench 3m deep and a further 920m of sub-sea trench to be dredged for placing of HDPE pipe strings and Diffuser.
2. Pipe was protected after installation by backfilling with selected excavated materials and the use of stone mattresses. Diffuser placed by divers operating from Coastal Dredging barge and placement of stone mattresses as scour protection.
3. All pipeline fabrication and jointing works were completed on site.

Contact: Siac Construction Ltd. – Oliver Scott
Phone:
Tel: 00 353 (0)1 403 3111
Fax:
Fax: 00 353 (0)1 403 3222



Greystones Harbour, Co.Wicklow

contracts completed

Client: Wicklow Co. Council

Engineer: Arup

Contractor: Sisk - Lagan JV.

Project Value: €45m

Period: 2009

Project Description: This project involved the construction of the civil engineering works associated with new 230 berth marina, New Quay walls and coastal protection works. Reclaim land for the development of a new apartment block and marina facilities.

The works involved the construction of the following:

1. Dredge excavation of harbour and quay wall foundations and re-use of excavated material for land reclamation inside the harbour.
2. Design and build new quay wall foundation.
3. Placing of rock armour to newly built Quay walls.

Sisk – Lagan Construction.

Contact: Tel: +353 (0) 4091500

Phone: Fax: +353 (0) 4091550

Fax:



Belfast Port, Co. Antrim

Client: Belfast Port Authority

Engineer: RPS

Contractor: Wham.

Project Value: £8m

Period: 2009



**Project
Description:**

This project involved the construction of the civil engineering works associated with a new Quay development and the Deepening and widening of the existing harbour to accommodate a deep water berth.

The works involved the construction of the following:

1. Dredging 220,000 cubic meters of heavy silt material from the existing harbour and dispose of out to sea.

Contact: Wham Construction.

Phone:

Fax:

Balbriggan – Skerries Sea Outfall

contracts completed

Client: Fingal Co. Council

Engineer: Tobin Consulting Engineers

Contractor: SIAC Construction Ltd
Coastal Dredging Ltd

Project Value: €20m

Period: 2004 - 2006

**Project
Description:**

This project involved the construction of the civil engineering works associated with the outfall pipeline from the sewerage treatment plant. Trench excavation required for drilling and blasting of 250m part of the trench.

The works involved the construction of the following:

- 900mm diameter sea outfall pipeline which extends out 2km under the bed of the Irish Sea
- Diffuser placed by divers operating from Coastal Dredging barge and placement of scour protection using concrete.
- All pipeline fabrication and jointing works were completed 10 miles from site. Pipeline had to be towed to site. Trench siltation meant that all pipe strings had to be joined in trench at trench base level.

Contact:

Phone: Tobin Consulting Engineers

Fax: Mr Colm Keenan
+353 (0)87 9065081



Ringsend – Dun Laoghaire

contracts completed

Client: Dublin Corporation

Engineer: P.H. McCarthy & Partners

Contractor: Walls – DCC. J.V.

Project Value: €15m

Period: 2004

Project Description: Excavate onshore trench, prepare and install pipe and backfill

Overall Length	1500lin mts
Pipe dia.	1.4 mts



Works Included:

1. Using fleet of excavators to form trench
2. Temporary works to prevent influx of sand at high tide
3. Pulling pipeline into position
4. Storage and use of backfill material

Contact: P.H. McCarthy & Partners

Phone: Tel: +353 (0) 12157100

Fax: Fax: +353 (0) 12989521

Limerick Main Drainage River Shannon Crossing

contracts completed

Client: Limerick Corporation

Engineer: White Young Green

Contractor: Amec Hegarty JV

Project Value: €22m

Period: 2004

Project Description: Installation of 2.2m dia. sewerage concrete pipe excavated trench in rock. Works required for the installation of the pipe, concrete surround and backfill. Drill & Blast rock for the entire 180lin metres of the route. Depth of the invert was 10 metres.



Works Included:

1. Coastal Dredging Ltd plant utilised for the rock drilling, excavation and pipe installation.
2. Coastal Dredging Ltd involved in the development of the installation methodology in association with the Engineer.
3. Pumped some 1000m³ of concrete around the pipe to prevent floatation prior to draining pipe.

Contact: Amec Hegarty JV – Sean Carrigy

Phone: +353 (0)86 2545 723

Fax:

Roonagh Pier

contracts completed

Client: Mayo County Council

Engineer: Tobins Consulting Engineers.

Contractor: L&M Keating Ltd.

Project Value: €3m

Period: 2003

Project Description: Pier extension and harbour deepening project. Works required for excavation of 3,500m³ of rock using machine breakers only due to blasting restriction.

Works Included:

1. Provision of dredger and breaker and barges to transport the material on shore for incorporation into the works.

Contact: L&M keating – Louis Keating

Phone: 00 353 65 905 0090

Fax: 00353 65 905 0399



Ballyhooriskey, Co. Donegal

contracts completed

Client: Donegal Co. Council

Engineer: Donegal Co. Council

Contractor: Wills Bros.

Project Value: €3m

Period: 2003

Project Description: Capital works for harbour improvement works consisting of pier extension and deepening of the boat access channels. Works consisted of drilling and blasting of underwater rock in harbour basin, dredging of the rock material and transporting to land. Material reused for reclamation works and remaining material disposed off site.

Works Included:

1. Drilling patterns developed by marine blast. Explosives ordered and controlled by Coastal Dredging Ltd
2. Rock excavation and provision of dredging and transportation plant.
3. Disposal of surplus material off site.

Contact: Donegal Co. Council – Jack McInerney

Phone: +353 (0)74 41066

Fax:



Ringsend - Sutton - Dublin

contracts completed

Client: Dublin Corporation

Engineer: M.C.O'Sullivan

Contractor: McAlpine, Pierse & Tideway

Project Value: €60m

Period: 2002

Project Description: Excavate trench, assist with pipe pull and backfill

Overall Length	1600lin mts
Pipe dia.	1.2 mts



Works Included:

1. 3.7m deep trench excavation 1750m along beach section
2. Trench remediation works
3. Pipe pull preparation
4. Pipe installation
5. Trench backfill

Contact: Alfred McAlpine Pipelines Division – Tim Bothrell

Phone: +44 (0) 1928 785700

Fax: +44 (0) 1928 785800

Mutton Island, Galway

contracts completed

Client: Galway Corporation

Engineer: P.H. McCarthy & Partners.

Contractor: Ascon Ltd.

Project Value: €13.5m

Period: 2002

Project Description: Excavate trench rock, Excavation by drilling and blasting, Underwater breaker and ripper. Sink pipe and backfill,
Rock excavation 420lin mts,
Overall length 420lin mts,
Depth at diffuser 14mts,
Pipe dia 1mt

Contact: Ascon - Theo Cullinan

Phone: +353 (0)21 4517300

Fax: +353 (0)21 4517333



Kilmore Quay, Wexford

contracts completed

Client: Dept of the Marine

Engineer: Dept of the Marine

Contractor: Coastal Dredging Ltd

Project Value: £0.75m

Period: 1999

Project Description: Capital works for the fishing harbour entrance at Kilmore Quay. Works consisted of dredging rock channel 400m long by 50m wide. Excavation and disposal of 6,000m³ of rock from the harbour entrance to the dumpsite located some 4 miles offshore.

Works Included:

1. Rock was machine excavated by ripping and breaking
2. Dredged rock material.
3. Dump material to dumpsite 4 miles off shore.

Contact: Dept. of Marine – Dr Farrell

Phone: +353-1-6782000

Fax: +353-1-6782449



Glenarm Marina

contracts completed

Client: Glenarm Harbour Authority

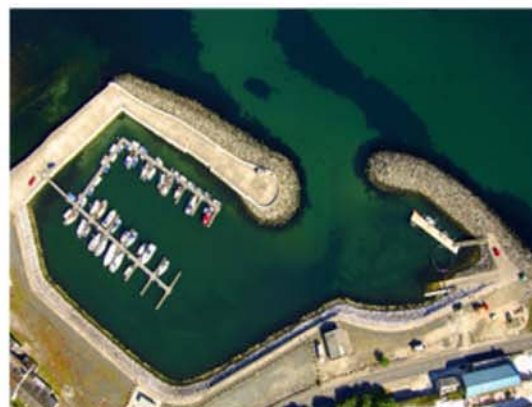
Engineer: Kirk McClure Morton (RPS)

Contractor: McLaughlin & Harvey

Project Value: £4m

Period: 2002

Project Description: Site formation works for marina basin. Works involved the excavation and disposal of 57,000 m³ of silt and sand.



Works Included:

1. Dredge silt and sand materials.
2. Material screening completed on the works barge
3. Dump material to dumpsite 12 miles off shore.

Contact: McLaughlin & Harvey

Phone: +44 (0)28 9034 2777

Fax: +44 (0) 28 9034 2236

Dun Laoghaire Marina

contracts completed

Client: Dun Laoghaire Harbour Commissioners

Engineer: Ove Arup & Partners

Contractor: Ascon Ltd.

Project Value: €5.5m

Period: 2001

Project Description: Marina formation works. Excavate and dispose 5,000 m³ rock and 20,000m³ of clays and silts. Archaeological requirement to screen all dredge material prior to disposal.



Works Included:

1. Rock was machine excavated by ripping and breaking
2. Dredge both rock and clay materials.
3. Material screening completed on the works barge
4. Dump material to dumpsite 8 miles off shore.

Contact: Ascon - Theo Cullinan

Phone: +353 (0)21 4517300

Fax: +353 (0)21 4517333

Carlingford, Co. Louth

contracts completed

Client: Louth Co. Council

Engineer: Nicholas O'Dwyer & Partners

Contractor: Alfred McAlpine Construction Ltd

Project Value: €2.5m

Period: 2001

Project Description: Excavate trench sink pipe and backfill,
Overall length 1600lin mts,
Rock Excavation 500lin mts.
Depth at diffuser 12mts,
Pipe dia. 450mm

Works Included:

1. Use of Coastal Dredging dredger to form trench
2. Disposal of material to dumpsite 8 miles off shore

Contact: Nicholas O Dwyer Consulting Engineers

Phone: Tel: 048 302 66915

Fax: Fax: 048 302 64810



Wicklow Harbour

contracts completed

Client: Wicklow Harbour Commissioners

Engineer: Wicklow Harbour Authority

Contractor: Coastal Dredging Ltd

Project Value: £0.6m

Period: 1999

Project Description: Capital Works for routine dredging - Excavate and dispose 30,000 m³ silt / sand

Works Included:

1. Excavation at entrance channel
2. Dredge silt and sand
3. Dump material to dumpsite 12 miles off shore.

Contact: Wicklow Harbour Commissioners

Phone:

Fax:



Ringaskiddy, Co. Cork

contracts completed

Client: Cork Co. Council

Engineer: Cork Port Authority.

Contractor: Ascon

Project Value: £12m

Period: 1999

Project Description: Reclaim an area of land (2 Hectares) from the sea for the purpose of developing a new quay as part of city infrastructure.

Works Included:

1. Reclaiming sand from the sea via cutter suction dredger.
2. Level and compact sand using D8 dozers.

Contact: Ascon

Phone: +353-45886400

Fax: +353-45877264



Kilmore Quay, Wexford

contracts completed

Client: Dept of the Marine

Engineer: Dept of the Marine

Contractor: Coastal Dredging Ltd

Project Value: £0.75m

Period: 1999

Project Description: Capital works for the fishing harbour entrance at Kilmore Quay. Works consisted of dredging rock channel 400m long by 50m wide. Excavation and disposal of 6,000m³ of rock from the harbour entrance to the dumpsite located some 4 miles offshore.

Works Included:

1. Rock was machine excavated by ripping and breaking
2. Dredged rock material.
3. Dump material to dumpsite 4 miles off shore.

Contact: Dept. of Marine – Dr Farrell

Phone: +353-1-6782000

Fax: +353-1-6782449



Malahide Marina

contracts completed

Client:	Gannon Homes Ltd.
Engineer:	John Moylan & Associates
Contractor:	Coastal Dredging Ltd
Project Value:	£6.75m
Period:	1998
Project Description:	Excavate and dispose 250,000 m ³ silt / sand

Works Included:

1. Excavation for marina and 2,000m long entrance channel
2. Dredge both boulder clay and sand
3. Material separation and beach renourishment
4. Dump material to dumpsite 25 miles off shore.

Contact:	John Moylan & Associates – Patrick Moylan
Phone:	+353 1 664 8900
Fax:	+353 1 661 3618



Tom Roe's Point, Drogheda

contracts completed

Client: Drogheda Harbour Board

Engineer: Kirk McClure Morton

Contractor: Charles Brand Ltd

Project Value: £9m

Period: 1998 / 1999

Project Description: Capital dredging programme for the new pier construction works involved the excavation and disposal of 74,000 m³ of silt and sand

Works Included:

1. Excavation at new pier location and entrance channel
2. Dredge silt and sand
3. Material separation for pier fill material
4. Dump material to dumpsite 12 miles off shore.

Contact: Charles Brand Ltd – George Craythorne

Phone: 028 9045 5531

Fax: 028 9045 5530



Phoenic Cove Marina, Ardglass

contracts completed

Client: Phoenic Development Ltd

Engineer: Kirk McClure Morton (RPS)

Contractor: Charles Brand Ltd

Project Value: £4.5m

Period: 1997 / 1999

Project Description: Site formation works for a new marina facility. Works included the excavation and disposal of 50,000m³ of boulder clay, breaking and removal of 8,000m³ rock and the placement of some of the rock into the new marina area. 40,000m³ of material dumped to site some 8 miles offshore.

Works Included:

1. All rock removed with breakers as blasting restriction was imposed due to the close residential proximity
2. Dredge both rock and boulder clay materials.
3. Material separation for incorporation into the permanent works
4. Dump material to dumpsite 8 miles off shore.

Contact: Charles Brand Ltd. – George Craythorne

Phone: +44 (0)28 9045 5531

Fax: +44 (0)28 9045 5530



Jack Lynch Tunnel, Cork

contracts completed

Client: Cork Corporation

Engineer: Cork Co. Council

Contractor: Tarmac Walls JV.

Project Value: £80m

Period: 1996

**Project
Description:**

This project involved the construction of the civil engineering works associated with the 140m outfall pipeline from the newly constructed road tunnel. Trench excavation required through silt material.

The works involved the construction of the following:

1. Due to high silt content in the excavation material 30% of the material had to be taken to offshore dumpsite some 25 miles away. The remainder of the material had to be protected with terram prior to placement as backfill.
2. Pipe was protected after installation by use of stone mattresses. Diffuser placed by divers operating from Coastal Dredging barge and placement of stone mattresses as scour protection.
3. All pipeline fabrication and jointing works were completed on site.

Contact:

Phone:

Fax:

Walls Construction Ltd. – Eamon Corcoran

Tel: 01 867 3800

Fax: 01 867 3850



Previous Project Profile

Burnt Island, Scotland

Client: East Lothian Council

Engineer: East Lothian Council

Contractor: Peirce Contracting

Project Value: £6m

Period: 1996

Project Description: Installation of a new sewage outfall on behalf of Pierse Contractors. Initial 500m required for the rock to be broken in the trench using rock breakers. After this section traditional excavation resumed, the pipe was then sunk and backfilled

Overall Length 1500lin mts

Depth at diffuser 30 mts

Rock excavation 500 mts

Works Included:

1. Pipe was on a curve and required special setting out arrangements
2. Pipe had to be aligned under 2 no. degaussing lines.

Contact: Peirce Civil Engineering Ltd. – Jed Pierse

Phone:

Fax:



Irish Salt Mines Jetty, Kilroot

contracts completed

Client: Irish Salt Mines

Engineer: Charles Brand Ltd

Contractor: Charles Brand Ltd

Project Value: €350,000

Period: 1996 / 1998

Project Description: Deepening of the berthing facility. Works included excavation of the 200m long by 40m wide access basin. Dredging of 25,000m³ of hard boulder clay and disposal to off shore dump some 10m from site.

Works Included:

1. Provision of dredgers and barges to complete the works
2. Dredging boulder clay material.
3. Dump material to dumpsite 10 miles off shore.

Contact: Charles Brand Ltd – George Craythorne

Phone: +44 (0)28 9045 5531

Fax: +44 (0)28 9045 5530



Dublin Port

contracts completed

Client: Coastal Containers Ltd.

Engineer: RPS Kirk McClure

Contractor: Ascon Ltd

Project Value: £4.5m

Period: 1995

Project Description: Capital dredging works for the construction of a new container terminal. Works included the excavation of 70,000m³ of silt and sand that was disposed to dump site at sea some 8 miles off shore.

Works Included:

1. Dredge silt and sand materials.
2. Dump material to dumpsite 12 miles off shore.

Contact: RPS Kirk McClure Morton – Dr Mike Shaw

Phone:

Fax:



Buncrana, Donegal

contracts completed

Client: Fruit of the Loom
Engineer: Kirk, McClure Morton
Contractor: Charles Brand Ltd
Project Value: £2.5m
Period: 1994



Project Description: Installation of a sewerage outfall for new factory development. Works included excavation of the trench, preparation and sinking of the pipe and backfill

Overall Length	800lin mts
Depth at diffuser	14 mts
Pipe dia.	450mm HDPE

Works Included:

1. 3.5m deep trench excavation over 800m section
2. Trench preparation works
3. Pipe pull preparation
4. Pipe installation
5. Trench backfill
6. Diffuser installed with dive team operating from the barge

Contact: Charles Brand - Tom Wilson
Phone: +44 (0)28 9045 5531
Fax: +44 (0)28 9045 5530

Thompson Wharf, Belfast

contracts completed

Client: Belfast Harbour Commissioners

Engineer: Dorans Consulting Engineers

Contractor: Graham Dromore Ltd

Project Value: £0.75m

Period: 1994 / 1995

Project Description: Extract piles, Excavate and dispose 21,000m³ sand / gravel and dispose at designated spoil area.

Works Included:

1. Excavate around and remove 100 old timber piles
2. Dredge boulder clay
3. Dump material to dumpsite 16 miles off shore.

Contact: Grahams Dromore – Richard Crothers

Phone: Tel: +44 (0) 28 9269 2291

Fax: Fax: +44 (0) 28 9269 3412

Email: info@graham.co.uk



Queens Island, Firth of Forth

contracts completed

Client: East Lothian Council

Engineer: East Lothian Council

Contractor: Pierse Contracting

Project Value: £6m

Period: 1993

Project Excavate trench, sink pipe and backfill

Description:

Overall Length	500lin mts
Depth at diffuser	15 mts
Pipe dia.	450mm HDPE

Works Included:

1. 3.7m deep trench excavation 500m along beach section
2. Trench remediation works
3. Pipe pull preparation
4. Pipe installation
5. Trench backfill
6. Diffuser installed with dive team operating from the barge
7. Imported stone for the backfilling around the diffuser

Contact: Pierse Contracting – Jed Pierse

Phone: Tel: +353 (0) 18115200

Fax: Fax: +353 (0) 18115290



Greencastle Harbour, Donegal

contracts completed

Client: Dept of the Marine

Engineer: Donegal County Co.

Contractor: Coastal Dredging Ltd

Project Value: €1m

Period: 1990



Project Description: Capital Works for expanding and deepening of the harbour basement. Drill, blast and excavate rock in harbour, Line drilling and blasting of rock for sheet piles.

Works Included:

1. All rock reclaimed to shore and the rock was used as rock armouring on the slope.
2. Trench formed for the new quay wall toe by drilling and blasting techniques.

Contact: Dept. of Marine – Dr Farrell

Phone: +353-1-6782000

Fax: +353-1-6782449

Coastal Dredging Limited
Previous Project Profile

Sligo Co. Council

Client: Sligo Co. Council

Engineer: Jennings O Donovan

Contractor: Ascon Ltd

Project Value: £2.5m

Period: 1989

Project Description: New watermain installation that Coastal Dredging installed using drill and blast techniques to form the crossing trench Installation of the twin 300mm pipe was also completed by Coastal Dredging.

Works Included:

1. Drill & Blast to form the 120m long trench.
2. Pipe preparation and installation

Contact: Ascon Ltd. Theo Cullinan

Phone: +353 (0)21 4517300

Fax: +353 (0)21 4517333



Carna, Co. Galway

contracts completed

Client: Brandan Mara Teo, Co. Galway

Engineer: Tobins Consulting Engineers

Contractor: Uniform Construction

Project Value: £1m

Period: 1983 / 1984

Project Description: Fish farm construction and marine access works. Drill & blast rock to create a rock source for breakwater fill and armour material. Construction of new breakwater and piled dolphin mooring facility.

Works Included:

1. Drill and blast 25,000m³ of rock
2. Construction of inlet structure
3. Transport of rock to breakwater location
4. Construction of rockfill breakwater and associated 10t rock armour works.
5. Construction of mooring dolphin on sheetpiles

Contact: Uniform Construction – Tony Preston

Phone: +353 (0) 1 6241658

Fax: +353 (0) 1 6240198



Blackpool, England

contracts completed

Client: Blackpool City Council.

Engineer: Blackpool City Eng.

Contractor: Holland Dredging

Project Value: £4m

Period: 1980



Project Description: Construction of a new 2.5m dia. steel outfall pipe, to run 1klm out to sea from the Blackpool coast and would service the City region.

Works Included:

1. Dredging an outfall trench to accommodate the pipe string.
2. Tow and sink the 1000m long steel pipe string into the trench.
3. Backfill and reinstate the beach to its former condition.

Contact: Holland Dredging

Phone:

Fax: