



RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Piura, 26 MAR. 2019

VISTO:

El expediente administrativo signado con CUT: 54358-2019, sobre *Aprobación del "Estudio de Delimitación de la Faja Marginal del río Motupe", en el tramo Desembocadura al río La Leche – sector Higuierón, entre las progresivas km 0+000 al km 58+216*, bajo el criterio de modelamiento hidráulico, en el marco del Decreto Legislativo N° 1354, que modifica la Ley N° 30556, Ley que Aprueba Disposiciones de Carácter Extraordinario para la Intervención de la Autoridad para la Reconstrucción con Cambios y;

CONSIDERANDO:

Que, el artículo 74° de la Ley N° 29338, Ley de Recursos Hídricos, señala que, en los terrenos aledaños a los cauces naturales o artificiales, se mantiene una faja marginal de terreno necesaria para la protección, el uso primario de agua, el libre tránsito, la pesca, caminos de vigilancia u otros servicios. El Reglamento determina su extensión;

Que, según el artículo 113° del Reglamento de la Ley de Recursos Hídricos, las fajas marginales son bienes de dominio público hidráulico. Están conformadas por las áreas inmediatas superiores a las riberas de las fuentes de agua, naturales o artificiales; las dimensiones en una o ambas márgenes de un cuerpo de agua son fijadas por la Autoridad Administrativa del Agua, de acuerdo con los criterios establecidos en el Reglamento, respetando los usos y costumbres establecidos;

Que, mediante Resolución Jefatural N° 332-2016-ANA, de fecha 28 de diciembre de 2016, se aprobó el Reglamento para la Delimitación y Mantenimiento de Fajas Marginales;

Que, el artículo 13° de la precitada Resolución Jefatural, establece los criterios para determinar un ancho mayor de las fajas marginales de los cauces naturales; señalando que, la AAA a través de un informe técnico justificado puede sustentar y aprobar un ancho mayor de las fajas marginales cuando: a. El ancho mínimo resulte insuficiente o no permite el uso público al cual está destinada la faja marginal y, b. Cuando se requiere un mayor ancho para la protección de asentamiento poblacional frente a eventos hidrológicos extremos, para este caso, la delimitación de faja marginal se sustente en un estudio específico;

Que, esta Autoridad Administrativa del Agua, en el marco del desarrollo de la Meta 004 "Estudio de Vulnerabilidad y Riesgo en Servicios Públicos" de la Meta Presupuestaria N° 068 "Reducción de la Vulnerabilidad y Atención de Emergencia por Desastres", en coordinación con la Dirección de Planificación y Desarrollo de los Recursos Hídricos de la Autoridad Nacional del Agua, se ha elaborado el "Estudio de Delimitación de la Faja Marginal del río Motupe", en el tramo Desembocadura al río La Leche – sector Higuierón, entre las progresivas km 0+000 al km 58+216, en el marco del Decreto Legislativo N° 1354, que modifica la Ley N° 30556, Ley que Aprueba Disposiciones de Carácter Extraordinario para las Intervenciones de la Autoridad para la Reconstrucción con Cambios;

Que, mediante Memorandum (M) N° 046-2018-ANA-DPDRH/UEPH de fecha 28 de diciembre de 2018, la Dirección de Planificación y Desarrollo de los Recursos Hídricos, alcanza los lineamientos para delimitación de faja marginal en 19 ríos y 5 quebradas, en el marco del Decreto Legislativo N° 1354, el cual tiene un enfoque de Gestión de Riesgo de Desastres y que además en la Octava Disposición Complementaria Final, se dispone que las fajas marginales, quebradas y borde costero, determinados por la Autoridad Competente, son considerados zonas de riesgo no mitigable;

Que, el Área Técnica de esta Autoridad Administrativa del Agua, mediante Informe Técnico N° 021-2019-ANA-AAA-JZ-AT/HMPP, concluye lo siguiente:

- De acuerdo al DL N° 1354, Decreto Legislativo que modifica la Ley N° 30556, Ley que aprueba disposiciones de carácter extraordinario para las intervenciones del Gobierno Nacional frente a Desastres y que dispone la creación de la Autoridad para la Reconstrucción con Cambios, indica en su cuarta disposición complementaria final, que la Autoridad Nacional del Agua, en un plazo no mayor de ciento veinte (120) días calendario delimitará la faja marginal de los ríos y quebradas cuya solución integral están incluidas en El Plan, que para ello deberá coordinar con la Autoridad para la Reconstrucción con Cambios, la priorización de los tramos o sectores de estos cauces y la solicitud de financiamiento correspondientes, debidamente justificada, para su documentación y la colocación de hitos.
- Acorde con los criterios establecidos en el artículo 13° del Reglamento para Delimitación y Mantenimiento de Fajas Marginales, aprobado con Resolución Jefatural N° 332-2016-ANA, criterios para determinar un ancho mayor de las fajas marginales de los cauces naturales y los Lineamientos para delimitación de faja marginales en 19 ríos y 5 quebradas, en el marco del Decreto Legislativo N° 1354, **se ha visto conveniente un ancho mayor, sobre la faja marginal del río Motupe, debido a que se necesita**



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**proteger las asentamientos poblacionales colindantes al cauce del río, frente a eventos extremos,** bajo el siguiente criterio:

- Criterio de enfoque de riesgo y del uso de espacio, debido al nivel de peligrosidad que ocasionan las inundaciones, se ha tenido en cuenta, que para el ancho de la faja marginal se reserve un espacio necesario para la construcción de obras de defensas ribereñas o encauzamiento con un ancho de 6.00 m; asimismo, un espacio necesario para los caminos de vigilancia o de mantenimiento, libre tránsito, acceso al uso primario al agua con un ancho de 4.00 m y por último, el espacio necesario para los servicios públicos (incluye forestación o recreativos) con un ancho de 5.00 m; por lo que, el ancho total de la faja marginal del río Motupe es de 15.00 m.

- Cabe indicar, en el "Estudio de Delimitación de la Faja Marginal del río Motupe", en el tramo Desembocadura al río La Leche – sector Higuierón, entre las progresivas km 0+000 al km 58+216, se esta considerando un tramo del río Chiniamá, una longitud de 7.77 km, del sector Las Juntas (confluencia con el río Chochope) al sector Higuierón.
- El Estudio de Delimitación de la Faja Marginal del río Motupe", en el tramo Desembocadura al río La Leche – sector Higuierón, entre las progresivas km 0+000 al km 58+216, bajo la metodología de Modelamiento hidráulico y enfoque de Gestión de Riesgo de Desastres y en concordancia con el Memorándum (M) N° 046-2018-ANA-DPDRH/UEPH, Lineamientos para delimitación de faja marginales en 19 ríos y 5 quebradas, en el marco del Decreto Legislativo N° 1354, reúne los requisitos establecidos en el Reglamento para la Delimitación y Mantenimiento de Fajas Marginales, aprobado con Resolución Jefatural N° 332-2016-ANA, por tanto, nuestra opinión es favorable a su aprobación.

Que, mediante Informe Legal N° 327-2019-ANA-AAA.JZ-AL/SGFR, el área legal de esta Autoridad Administrativa, indica que:

- A través del Decreto Legislativo N° 1354, se dispone que, la Autoridad Nacional del Agua, delimite la faja marginal de los ríos y quebradas cuya solución integral están incluidas en El Plan, para lo cual deberá coordinar con la Autoridad para la Reconstrucción con Cambios, la priorización de los tramos o sectores de estos cauces y la solicitud de financiamiento correspondientes, debidamente justificada, para su documentación y la colocación de hitos.
- En virtud a lo descrito en el párrafo precedente y en el marco del desarrollo de la Meta 004 "Estudio de Vulnerabilidad y Riesgo en Servicios Públicos" de la Meta Presupuestaria N° 068 "Reducción de la Vulnerabilidad y Atención de Emergencia por Desastres", la Autoridad Nacional del Agua, a través de la Dirección de Planeamiento y Desarrollo de los Recursos Hídricos, encargó a esta Autoridad Administrativa del Agua, la elaboración del Estudio de Delimitación de la Faja Marginal del río Motupe", en el tramo Desembocadura al río La Leche – sector Higuierón, entre las progresivas km 0+000 al km 58+216, bajo la metodología del Modelamiento Hidráulico con enfoque de Gestión de Riesgo.
- Realizada la evaluación correspondiente del precitado estudio por parte del área técnica, ésta señala que cumple con todos los requisitos señalados en el Reglamento para la Delimitación y Mantenimiento de Fajas Marginales, aprobado con Resolución Jefatural N° 332-2016-ANA y los lineamientos para delimitación de fajas marginales en 19 ríos y 5 quebradas en el marco del Decreto Legislativo N° 1354, aprobados mediante el Memorándum (M) N° 046-2018-ANA-DPDRH/UEPH, por lo que, encontrándose dentro de las facultades de esta Autoridad Administrativa del Agua la aprobación de dicho estudio, corresponde aprobarlo mediante el presente acto administrativo.

Estando a lo opinado por el Área Legal, el visto del Área Técnica y en uso de las facultades conferidas por la Ley de Recursos Hídricos, Ley N° 29338, su Reglamento aprobado con Decreto Supremo N° 001-2010-AG y el Reglamento de Organización y Funciones de la Autoridad Nacional del Agua, aprobado mediante Decreto Supremo N° 018-2017-MINAGRI;

### SE RESUELVE:

**ARTÍCULO 1°.- Aprobar** el "Estudio de Delimitación de la Faja Marginal del río Motupe", en el tramo Desembocadura al río La Leche – sector Higuierón, entre las progresivas km 0+000 al km 58+216, bajo la metodología de Modelamiento Hidráulico, bajo enfoque de Gestión de Riesgo de Desastres, en una longitud de 58.216 km., cuyas coordenadas internas y externas se muestran en el cuadro N° 1 y 2 anexo a la presente resolución.



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**ARTÍCULO 2°.-** Notificar la presente resolución a la Dirección de Planificación y Desarrollo de los Recursos Hídrico de la Autoridad Nacional del Agua, Gobierno Regional de Lambayeque, Municipalidad Provincial de Lambayeque, Municipalidad Distrital de Motupe, Proyecto Especial Olmos Tinajones, Junta de Usuarios del Sector Hidráulico Menor Motupe, Superintendencia Nacional de Registros Públicos sede Lambayeque, Superintendencia Nacional de Bienes Estatales, Organismo de Formalización de la Propiedad Informal – COFOPRI sede Lambayeque, y remitir copia fedateada a la Administración Local de Agua Motupe Olmos Leche, disponiéndose la publicación en el portal institucional de la Autoridad Nacional del Agua, conforme a Ley.

Regístrese, comuníquese y archívese



AUTORIDAD NACIONAL DEL AGUA  
AUTORIDAD ADMINISTRATIVA DEL AGUA Y  
JEQUETEPEQUE ZARUMILLA  
*Elmer Garcia Samano*  
Ing. Elmer Garcia Samano  
DIRECTOR



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Cuadro N° 01: Coordenadas (UTM WGS 84) Internas y Externas - Faja Marginal río Chiniama, progresivas km 0+000 al km 7+844

Table with 12 columns: MARGEN DERECHA INTERNA (CODIGO, mESTE, mNORTE), MARGEN DERECHA EXTERNA (CODIGO, mESTE, mNORTE), MARGEN IZQUIERDA INTERNA (CODIGO, mESTE, mNORTE), MARGEN IZQUIERDA EXTERNA (CODIGO, mESTE, mNORTE). Rows are numbered MDI001 to MDI035.

Stamp: AUTORIDAD ADMINISTRATIVA DEL AGUA JECUETEPEQUE - ZARUMILLA, Ing. Elmer García Sarmiento DIRECTOR

Stamp: AUTORIDAD ADMINISTRATIVA DEL AGUA JECUETEPEQUE - ZARUMILLA, Silvia Gisela Flores Ramos PROFESIONAL A.P.

Stamp: AUTORIDAD ADMINISTRATIVA DEL AGUA JECUETEPEQUE - ZARUMILLA, Hector Manuel Pareja Pinedo ESPECIALISTA G.R.R.H.H.



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MDI036	649235.0826	9324970.1503	MDE036	649221.9687	9324977.4438	MII036	649220.7484	9324889.5649	MIE036	649231.9940	9324879.4638
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MDI038	649211.2701	9324935.2253	MDE038	649200.4404	9324945.6274	MII038	649167.8316	9324848.8190	MIE038	649176.0778	9324836.2852
MDI039	649195.7919	9324920.5408	MDE039	649186.6077	9324932.5040	MII039	649149.3107	9324837.1773	MIE039	649157.0496	9324824.3246
MDI040	649178.3294	9324909.8252	MDE040	649170.8347	9324922.8252	MII040	649133.7003	9324828.1815	MIE040	649139.8790	9324814.4296
MDI041	649163.6450	9324901.8877	MDE041	649156.7622	9324915.2184	MII041	649117.0315	9324822.6252	MIE041	649120.7636	9324808.0578
MDI042	649137.0543	9324888.7908	MDE042	649130.2508	9324902.1606	MII042	649099.5690	9324819.4502	MIE042	649101.2748	9324804.5144
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MDI045	649068.7916	9324862.5970	MDE045	649067.1287	9324877.5425	MII045	649013.8438	9324813.8939	MIE045	649015.6101	9324798.9926
MDI046	649048.9479	9324861.8032	MDE046	649048.5165	9324876.7980	MII046	648984.7396	9324811.2481	MIE046	648986.9755	9324796.3895
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MDI048	649016.8009	9324859.0251	MDE048	649012.2727	9324873.3547	MII048	648935.7916	9324801.4585	MIE048	648939.2391	9324786.8448
MDI049	648991.0040	9324849.1032	MDE049	648985.8273	9324863.1834	MII049	648904.0415	9324792.4626	MIE049	648909.4182	9324778.3956
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MDI053	648908.0570	9324833.6250	MDE053	648904.3603	9324848.2234	MII053	648827.5768	9324731.6083	MIE053	648840.6166	9324724.0214
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MDI058	648818.3630	9324783.3541	MDE058	648808.9222	9324795.0323	MII058	648786.8309	9324649.5873	MIE058	648798.6545	9324640.3365
MDI059	648806.3245	9324772.6385	MDE059	648794.5819	9324782.2678	MII059	648767.2516	9324626.5685	MIE059	648778.4302	9324616.5593
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MDI065	648760.0223	9324703.3175	MDE065	648748.3192	9324712.7123	MII065	648646.6014	9324513.3267	MIE065	648656.6721	9324502.2005
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MDI067	648736.4743	9324676.5945	MDE067	648725.4649	9324686.7826	MII067	648584.4242	9324462.5266	MIE067	648593.7119	9324450.7478
MDI068	648727.0816	9324666.5403	MDE068	648716.0953	9324676.7532	MII068	648538.6512	9324426.2786	MIE068	648547.8914	9324414.4622
MDI069	648717.2920	9324655.9570	MDE069	648705.9312	9324665.7650	MII069	648517.7491	9324410.1389	MIE069	648527.1292	9324398.4306
MDI070	648709.0899	9324645.7705	MDE070	648698.1640	9324656.1187	MII070	648498.9636	9324394.5285	MIE070	648509.1265	9324383.4706
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MDI072	648690.1721	9324625.0007	MDE072	648678.6908	9324634.7536	MII072	648465.0969	9324363.3076	MIE072	648473.9415	9324351.1564
MDI073	648678.3982	9324613.4913	MDE073	648667.7922	9324624.0999	MII073	648447.6343	9324352.1951	MIE073	648455.5210	9324339.4342
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MDI075	648649.1616	9324589.1496	MDE075	648640.3907	9324601.3190	MII075	648408.2113	9324326.2659	MIE075	648416.4685	9324313.7118





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Table with 12 columns and 30 rows containing identification numbers for various administrative units (MDI116 to MDI155).





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MDI156	647043.6668	9324083.9267	MDE156	647037.2035	9324097.4705	MII156	646292.3562	9323312.9648	MIE156	646307.4042	9323312.2345
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MDI158	646997.1000	9324057.9975	MDE158	646988.9394	9324070.5904	MII158	646296.0604	9323258.7251	MIE158	646310.8939	9323261.3019
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MDI161	646924.7363	9324003.7578	MDE161	646915.6052	9324015.6794	MII161	646313.2584	9323185.9645	MIE161	646328.2309	9323187.4398
MDI162	646908.3321	9323992.3807	MDE162	646900.5913	9324005.2665	MII162	646313.7875	9323160.5645	MIE162	646328.7862	9323160.7859
MDI163	646890.6050	9323983.2525	MDE163	646884.0911	9323996.7702	MII163	646314.0521	9323130.1373	MIE163	646329.0499	9323130.4546
MDI164	646870.8935	9323974.3890	MDE164	646864.2653	9323987.8552	MII164	646315.1105	9323098.6519	MIE164	646330.1105	9323098.9039
MDI165	646852.6372	9323964.5994	MDE165	646845.7102	9323977.9054	MII165	646315.1105	9323076.6914	MIE165	646330.1105	9323075.9538
MDI166	646826.9726	9323951.6347	MDE166	646819.9672	9323964.9012	MII166	646313.2584	9323057.9059	MIE166	646328.1685	9323056.2564
MDI167	646812.8173	9323943.8295	MDE167	646806.0730	9323957.2399	MII167	646307.9667	9323014.7788	MIE167	646322.8506	9323012.9156
MDI168	646791.6506	9323934.1722	MDE168	646785.3556	9323947.7876	MII168	646303.2042	9322977.4725	MIE168	646318.1192	9322975.8532
MDI169	646762.2818	9323920.4138	MDE169	646755.5662	9323933.8322	MII169	646301.6167	9322959.7453	MIE169	646316.3773	9322956.4017
MDI170	646736.4849	9323906.6555	MDE170	646728.5761	9323919.4375	MII170	646288.9167	9322925.6140	MIE170	646302.8917	9322920.1591
MDI171	646711.7463	9323889.0607	MDE171	646703.5020	9323901.6040	MII171	646271.7187	9322883.5452	MIE171	646285.5912	9322877.8395
MDI172	646693.6223	9323878.0804	MDE172	646685.1715	9323890.4987	MII172	646255.8437	9322845.1805	MIE172	646269.6464	9322839.3062
MDI173	646665.9733	9323857.0460	MDE173	646656.3875	9323868.6008	MII173	646241.0270	9322811.3138	MIE173	646254.5820	9322804.8734
MDI174	646642.6899	9323836.0116	MDE174	646632.5596	9323847.0745	MII174	646231.2374	9322792.2638	MIE174	646244.7725	9322785.7845
MDI175	646620.5972	9323815.5063	MDE175	646610.1713	9323826.2949	MII175	646222.7707	9322773.2137	MIE175	646237.1655	9322768.6688
MDI176	646599.0336	9323793.8105	MDE176	646588.4737	9323804.4642	MII176	646217.7436	9322747.5491	MIE176	646232.5965	9322745.3428
MDI177	646576.5440	9323771.8500	MDE177	646566.2703	9323782.7832	MII177	646214.8332	9322718.9740	MIE177	646229.6551	9322716.4634
MDI178	646554.4512	9323751.8739	MDE178	646544.6340	9323763.2198	MII178	646206.6311	9322684.5781	MIE178	646221.4520	9322682.0634
MDI179	646530.6387	9323732.1624	MDE179	646521.2804	9323743.8883	MII179	646202.1331	9322640.6572	MIE179	646217.0275	9322638.8597
MDI180	646511.7209	9323717.6103	MDE180	646502.8230	9323729.6903	MII180	646195.2540	9322591.1800	MIE180	646210.1284	9322589.2391
MDI181	646487.5115	9323700.5447	MDE181	646478.5379	9323712.5713	MII181	646191.2852	9322558.6362	MIE181	646206.1691	9322556.7724
MDI182	646470.5781	9323687.1832	MDE182	646461.1416	9323698.8444	MII182	646185.1998	9322511.2757	MIE182	646200.0257	9322508.9609
MDI183	646445.7072	9323666.5456	MDE183	646436.0530	9323678.0263	MII183	646179.1144	9322478.2027	MIE183	646193.7522	9322474.8662
MDI184	646430.4937	9323653.5810	MDE184	646420.7192	9323664.9592	MII184	646175.1456	9322463.6506	MIE184	646190.0622	9322461.3359
MDI185	646417.6613	9323642.4685	MDE185	646407.4691	9323653.4849	MII185	646174.6164	9322450.9506	MIE185	646189.5480	9322448.9961
MDI186	646406.5488	9323631.4883	MDE186	646396.1181	9323642.2691	MII186	646170.3831	9322431.9005	MIE186	646184.4917	9322426.2426
MDI187	646388.9540	9323614.8195	MDE187	646378.4907	9323625.5694	MII187	646151.3330	9322400.4150	MIE187	646163.7668	9322391.9890
MDI188	646369.7717	9323595.6372	MDE188	646359.1108	9323606.1895	MII188	646133.3413	9322376.6025	MIE188	646145.4610	9322367.7608
MDI189	646350.5893	9323576.0580	MDE189	646339.9120	9323586.5935	MII189	646101.8559	9322331.8878	MIE189	646113.6559	9322322.5922
MDI190	646329.5549	9323554.8912	MDE190	646319.0840	9323565.6344	MII190	646071.1641	9322296.9628	MIE190	646082.9976	9322287.7051
MDI191	646313.0184	9323539.2808	MDE191	646302.1280	9323549.6280	MII191	646055.5537	9322274.4731	MIE191	646068.0350	9322266.1487
MDI192	646292.5132	9323515.2037	MDE192	646280.8977	9323524.6995	MII192	646040.4724	9322250.9252	MIE192	646053.2083	9322242.9983
MDI193	646280.4746	9323499.8578	MDE193	646268.5162	9323508.9166	MII193	646019.8349	9322216.7938	MIE193	646033.0048	9322209.5848
MDI194	646264.9965	9323478.6911	MDE194	646252.4510	9323486.9470	MII194	646010.8390	9322198.5376	MIE194	646024.4306	9322192.1842
MDI195	646247.1370	9323448.3962	MDE195	646234.0436	9323455.7225	MII195	645996.5515	9322166.2583	MIE195	646010.2514	9322160.1498







RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 25 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 25 rows containing identification numbers and codes (MDI236 to MDI275).





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MDI276	645883.5691	9322087.4353	MDE276	645871.1160	9322096.2152
MDI277	645863.4607	9322067.5386	MDE277	645853.6095	9322078.8929
MDI278	645833.6156	9322044.8902	MDE278	645823.8744	9322056.3280
MDI279	645819.8573	9322031.7668	MDE279	645810.1681	9322043.2543
MDI280	645802.5006	9322018.8551	MDE280	645793.1489	9322030.5937
MDI281	645783.8739	9322002.9801	MDE281	645774.4827	9322014.6850
MDI282	645761.4371	9321986.0467	MDE282	645751.8683	9321997.6175
MDI283	645743.6571	9321969.9600	MDE283	645733.0929	9321980.6302
MDI284	645730.9571	9321956.2017	MDE284	645719.6687	9321966.0873
MDI285	645720.5854	9321943.7133	MDE285	645708.3318	9321952.4368
MDI286	645710.8487	9321927.6266	MDE286	645698.5061	9321936.2031
MDI287	645697.0903	9321910.2699	MDE287	645685.0957	9321919.2854
MDI288	645687.1420	9321896.2999	MDE288	645674.1792	9321903.9557
MDI289	645676.5586	9321874.2865	MDE289	645663.4112	9321881.5583
MDI290	645666.8220	9321858.8348	MDE290	645654.1998	9321866.9403
MDI291	645655.6036	9321841.6898	MDE291	645643.3026	9321850.2861
MDI292	645638.8819	9321819.2531	MDE292	645627.5915	9321829.2053
MDI293	645621.9485	9321802.9547	MDE293	645612.2783	9321814.4663
MDI294	645599.9352	9321786.8680	MDE294	645590.4129	9321798.4878
MDI295	645587.2351	9321775.2263	MDE295	645577.9521	9321787.0654
MDI296	645570.7251	9321764.2196	MDE296	645562.4721	9321776.7454
MDI297	645552.5217	9321752.3663	MDE297	645545.0510	9321765.4014
MDI298	645527.5450	9321739.8779	MDE298	645520.7747	9321753.2633
MDI299	645509.3416	9321730.5646	MDE299	645503.2510	9321744.2977
MDI300	645487.5399	9321722.3095	MDE300	645483.5194	9321736.8265
MDI301	645461.7165	9321717.6529	MDE301	645458.2263	9321732.2654
MDI302	645441.1848	9321711.5145	MDE302	645437.6446	9321726.1121
MDI303	645420.8648	9321707.7045	MDE303	645418.3583	9321722.4959
MDI304	645392.9247	9321703.4712	MDE304	645391.3115	9321718.3979
MDI305	645366.8897	9321701.7778	MDE305	645365.1926	9321716.6992
MDI306	645338.3146	9321697.1212	MDE306	645335.9985	9321711.9416
MDI307	645311.4329	9321693.0995	MDE307	645309.0438	9321707.9090
MDI308	645300.4262	9321691.1945	MDE308	645297.2859	9321705.8740
MDI309	645271.4278	9321683.7861	MDE309	645267.7524	9321698.3289
MDI310	645244.3344	9321677.0128	MDE310	645240.6748	9321691.5595
MDI311	645227.6127	9321672.7794	MDE311	645222.3571	9321686.9221
MDI312	645214.0660	9321666.0061	MDE312	645207.1295	9321679.3083
MDI313	645187.1843	9321651.4011	MDE313	645180.6887	9321664.9429
MDI314	645164.9593	9321642.0877	MDE314	645158.8029	9321655.7717
MDI315	645136.3842	9321628.3294	MDE315	645129.4824	9321641.6544





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MDI316	645098.2842	9321607.1627	MDE316	645091.1234	9321620.3439
MDI317	645060.8191	9321587.2659	MDE317	645054.1139	9321600.6891
MDI318	645026.9523	9321571.3909	MDE318	645019.8920	9321584.6476
MDI319	645011.0773	9321561.8659	MDE319	645002.8145	9321574.4011
MDI320	644986.7356	9321544.2975	MDE320	644978.1162	9321556.5753
MDI321	644964.7222	9321529.2692	MDE321	644956.3723	9321541.7309
MDI322	644949.2705	9321519.1091	MDE322	644939.9502	9321530.9328
MDI323	644940.3011	9321510.6954	MDE323	644929.9927	9321521.5922
MDI324	644933.3955	9321504.1072	MDE324	644922.2374	9321514.1934
MDI325	644925.6167	9321494.1060	MDE325	644913.3043	9321502.7081
MDI326	644922.0448	9321488.3910	MDE326	644908.8226	9321495.5373
MDI327	644917.7586	9321479.1041	MDE327	644903.7910	9321484.6356
MDI328	644915.4567	9321472.1984	MDE328	644901.3413	9321477.2864
MDI329	644909.2654	9321456.2440	MDE329	644895.2401	9321461.5640
MDI330	644901.7248	9321435.8975	MDE330	644887.7229	9321441.2807
MDI331	644890.9298	9321408.8041	MDE331	644877.1937	9321414.8546
MDI332	644878.2298	9321382.5574	MDE332	644864.1719	9321387.9428
MDI333	644872.3031	9321362.0257	MDE333	644857.7385	9321365.6557
MDI334	644868.0697	9321341.9173	MDE334	644853.1315	9321343.7725
MDI335	644867.1966	9321319.8863	MDE335	644852.1912	9321320.0479
MDI336	644867.4347	9321306.7100	MDE336	644852.4502	9321305.7207
MDI337	644869.0222	9321292.8194	MDE337	644854.1855	9321290.5368
MDI338	644870.5304	9321285.0406	MDE338	644855.7071	9321282.6883
MDI339	644876.7057	9321235.1930	MDE339	644861.8896	9321232.7830
MDI340	644885.5958	9321191.1663	MDE340	644870.7574	9321188.8666
MDI341	644886.6541	9321181.4296	MDE341	644871.7216	9321179.9961
MDI342	644887.7124	9321168.7296	MDE342	644872.7124	9321168.1056
MDI343	644887.7124	9321155.1829	MDE343	644872.7124	9321156.4243
MDI344	644885.3841	9321141.2128	MDE344	644870.7486	9321144.6412
MDI345	644878.8224	9321119.6228	MDE345	644864.5095	9321124.1127
MDI346	644874.1657	9321105.2294	MDE346	644859.5865	9321108.8959
MDI347	644869.0857	9321077.2894	MDE347	644854.4682	9321080.7453
MDI348	644858.5024	9321041.0943	MDE348	644843.9218	9321044.6768
MDI349	644854.2690	9321019.9276	MDE349	644839.5323	9321022.7292
MDI350	644845.3790	9320970.6092	MDE350	644830.7656	9320974.0950
MDI351	644837.5473	9320944.3624	MDE351	644823.1509	9320948.5752
MDI352	644830.1390	9320918.5391	MDE352	644815.5675	9320922.1418
MDI353	644824.8473	9320893.1390	MDE353	644810.1504	9320896.1396
MDI354	644819.5556	9320866.6806	MDE354	644804.7559	9320869.1672
MDI355	644814.4756	9320829.4272	MDE355	644799.6286	9320830.8338





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MDI356	644813.2056	9320805.0855	MDE356	644798.2221	9320805.7929	
MDI357	644812.5706	9320790.0571	MDE357	644797.5386	9320789.6159	
MDI358	644814.2640	9320773.3354	MDE358	644799.3403	9320771.8242	





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Cuadro N° 02: Coordenadas (UTM WGS 84) Internas y Externas - Faja Marginal río Motupe, progresivas km 0+000 al km 50+446

Table with 12 columns: MARGEN DERECHA INTERNA (CODIGO, mESTE, mNORTE), MARGEN DERECHA EXTERNA (CODIGO, mESTE, mNORTE), MARGEN IZQUIERDA INTERNA (CODIGO, mESTE, mNORTE), MARGEN IZQUIERDA EXTERNA (CODIGO, mESTE, mNORTE). Rows are numbered MDI001 to MDI035.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 48 rows containing alphanumeric codes and numerical values.





RESOLUCION DIRECTORAL No. 090 -2019-ANA-AAA-JZ-V

Table with 12 columns and 15 rows of data, containing alphanumeric codes and numerical values.







RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes (MDI116 to MDI155).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes (MDI156 to MDI195).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows containing identification numbers (MDI, MDE, MII, MIE) and their corresponding values.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 27 rows containing identification numbers and codes (MDI236 to MDI275).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows containing identification numbers and codes (MDI276 to MDI315).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 11 columns and 33 rows containing identification numbers and codes (MDI316 to MDI355).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows containing identification numbers and codes (MDI356 to MDI395).

Stamp: AUTORIDAD ADMINISTRATIVA DEL ACN, Ing. Elmer García Sotomayor, DIRECTOR

Stamp: AUTORIDAD ADMINISTRATIVA DEL ACN, Silvia Cecilia Flores Ramos, PROFESIONAL, A.J.

Stamp: AUTORIDAD ADMINISTRATIVA DEL ACN, Hector Manuel Paredes Medina, ESPECIALISTA, G.R.R.H.H.



RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 32 rows of identification numbers and codes.







RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 47 rows containing identification numbers and codes (MDI436 to MDI475).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes (MDI476 to MDI515).

Stamp: AUTORIDAD ADMINISTRATIVA DE R.R.H.H. Ing. Elmer García Saldaña DIRECTOR

Stamp: Sindicato de Ferrocarrileros PROFESIONAL

Stamp: AUTORIDAD ADMINISTRATIVA DE R.R.H.H. V° B° Hector Mamuel Paredes Pinedo ESPECIALISTA G.R.R.H.H.



RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 55 rows containing identification numbers and codes (MDI516 to MDI555).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 32 rows containing alphanumeric codes (MDI556 to MDI595) and numerical values.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows containing identification numbers and codes (MDI596 to MDI635).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 34 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690-2019-ANA-AAA-JZ-V

Table with 11 columns and 43 rows containing identification numbers and codes (MDI716 to MDI755).







RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows containing identification numbers and codes (MDI, MDE, MII, MIE).

Stamp: AUTORIZADO ADMINISTRATIVO... Ing. Elmer García Salazar DIRECTOR

Stamp: AUTORIZADO ADMINISTRATIVO... ESPECIALISTA G.R.R.H.H.

Stamp: AUTORIZADO ADMINISTRATIVO... ESPECIALISTA G.R.R.H.H.



RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 45 rows containing identification numbers for various administrative units.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers (MDI876 to MDI915) and associated codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 32 rows containing identification numbers and codes (MDI916 to MDI955).





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 33 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 25 rows containing identification numbers and codes.







RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690-2019-ANA-AAA-JZ-V

Table with 12 columns and 32 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

MDI1156	639326.2969	9310768.1346	MDE1156	639311.2969	9310768.1346	MII1156	643497.4726	9316488.4743	MIE1156	643510.4027	9316496.1294
MDI1157	639326.2969	9310792.4763	MDE1157	639311.2969	9310793.2636	MII1157	643469.6913	9316542.4494	MIE1157	643483.2828	9316548.8196
MDI1158	639329.4719	9310822.6389	MDE1158	639314.5918	9310824.5656	MII1158	643447.4662	9316594.8370	MIE1158	643461.4255	9316600.3405
MDI1159	639333.7052	9310850.1556	MDE1159	639319.1295	9310854.0607	MII1159	643426.0349	9316653.5746	MIE1159	643440.3378	9316658.1363
MDI1160	639344.8177	9310878.7307	MDE1160	639331.5833	9310886.0848	MII1160	643412.5411	9316702.7872	MIE1160	643427.2106	9316706.0119
MDI1161	639365.4553	9310906.2474	MDE1161	639353.4712	9310915.2687	MII1161	643406.1911	9316740.8873	MIE1161	643421.0257	9316743.1214
MDI1162	639383.4470	9310930.0599	MDE1162	639372.4953	9310940.4476	MII1162	643400.6349	9316782.1624	MIE1162	643415.6684	9316782.9184
MDI1163	639403.5553	9310946.9933	MDE1163	639395.0274	9310959.4220	MII1163	643402.2224	9316829.7875	MIE1163	643417.1669	9316827.8744
MDI1164	639424.7220	9310958.6350	MDE1164	639418.2982	9310972.2210	MII1164	643409.3661	9316861.5375	MIE1164	643423.9263	9316857.9160
MDI1165	639443.2429	9310966.0433	MDE1165	639437.6397	9310979.9575	MII1165	643418.8912	9316896.4626	MIE1165	643433.4046	9316892.6698
MDI1166	639462.8221	9310973.9809	MDE1166	639458.5720	9310988.4436	MII1166	643426.0349	9316925.0376	MIE1166	643440.1877	9316919.8022
MDI1167	639490.8680	9310979.2725	MDE1167	639488.8281	9310994.1523	MII1167	643441.1162	9316955.2002	MIE1167	643454.1980	9316947.8228
MDI1168	639521.5597	9310981.9184	MDE1168	639520.0637	9310996.8450	MII1168	643450.6412	9316970.2815	MIE1168	643464.1883	9316963.6407
MDI1169	639558.6015	9310986.1517	MDE1169	639557.0387	9311001.0707	MII1169	643458.4575	9316991.8120	MIE1169	643473.0593	9316988.0767
MDI1170	639591.9390	9310989.3267	MDE1170	639589.8150	9311004.1923	MII1170	643461.6325	9317012.4495	MIE1170	643476.2374	9317008.7343
MDI1171	639627.9225	9310996.2059	MDE1171	639625.7384	9311011.0600	MII1171	643468.7762	9317032.2933	MIE1171	643481.8187	9317024.2379
MDI1172	639658.6142	9310999.3809	MDE1172	639657.5531	9311014.3512	MII1172	643484.6513	9317048.9621	MIE1172	643498.4518	9317041.7026
MDI1173	639713.6476	9311001.4976	MDE1173	639713.0783	9311016.4868	MII1173	643487.8263	9317064.0434	MIE1173	643502.0448	9317058.7697
MDI1174	639755.9810	9311003.0851	MDE1174	639755.7861	9311018.0883	MII1174	643496.5575	9317079.9184	MIE1174	643508.3142	9317070.1686
MDI1175	639802.0186	9311002.5559	MDE1175	639801.8843	9311017.5584	MII1175	643510.0513	9317091.0309	MIE1175	643521.8614	9317081.3251
MDI1176	639838.0020	9311003.6142	MDE1176	639837.3766	9311018.6023	MII1176	643521.1638	9317111.6685	MIE1176	643534.8523	9317105.4510
MDI1177	639877.1605	9311005.7309	MDE1177	639876.6166	9311020.7234	MII1177	643533.0701	9317143.4185	MIE1177	643546.5585	9317136.6677
MDI1178	639905.7355	9311006.2601	MDE1178	639904.9287	9311021.2477	MII1178	643545.7701	9317163.2623	MIE1178	643555.1910	9317150.1559
MDI1179	639935.3689	9311008.9059	MDE1179	639933.3561	9311023.7859	MII1179	643571.1702	9317169.6124	MIE1179	643576.3035	9317155.4340
MDI1180	639958.6523	9311013.1393	MDE1180	639956.5048	9311027.9947	MII1180	643594.1890	9317180.7249	MIE1180	643604.5688	9317169.0793
MDI1181	639993.0482	9311016.8434	MDE1181	639991.3515	9311031.7475	MII1181	643609.2703	9317204.5374	MIE1181	643624.7954	9317201.0161
MDI1182	640019.5066	9311020.0184	MDE1182	640016.8599	9311034.8085	MII1182	643605.3015	9317237.8750	MIE1182	643620.3371	9317238.4655
MDI1183	640043.8483	9311025.8393	MDE1183	640038.3771	9311039.9539	MII1183	643606.8890	9317277.5626	MIE1183	643621.8697	9317276.7798
MDI1184	640063.9567	9311036.9518	MDE1184	640057.3317	9311050.4288	MII1184	643608.4765	9317302.1689	MIE1184	643623.4875	9317301.8558
MDI1185	640095.7067	9311050.7102	MDE1185	640088.7744	9311064.0539	MII1185	643607.6828	9317337.0939	MIE1185	643622.6290	9317339.6314
MDI1186	640121.6359	9311066.5852	MDE1186	640113.2011	9311079.0091	MII1186	643598.1577	9317366.4627	MIE1186	643612.7993	9317369.9394
MDI1187	640138.5693	9311079.2852	MDE1187	640127.8788	9311090.0174	MII1187	643593.3952	9317397.4191	MIE1187	643608.3380	9317398.9380
MDI1188	640154.9735	9311100.9811	MDE1188	640142.0873	9311108.8093	MII1188	643591.8077	9317429.1691	MIE1188	643606.8881	9317427.9375
MDI1189	640165.5569	9311123.2062	MDE1189	640151.1958	9311127.9371	MII1189	643598.1577	9317458.5379	MIE1189	643613.0411	9317456.3951
MDI1190	640169.2610	9311142.2562	MDE1190	640154.4771	9311144.8124	MII1190	643600.5390	9317491.0817	MIE1190	643615.4726	9317489.6257
MDI1191	640171.9069	9311159.7187	MDE1191	640157.1390	9311162.3808	MII1191	643604.5078	9317523.6256	MIE1191	643619.5078	9317522.7143
MDI1192	640176.6694	9311182.4729	MDE1192	640162.3143	9311187.1073	MII1192	643604.5078	9317549.0256	MIE1192	643619.5078	9317549.9595
MDI1193	640183.0194	9311196.7605	MDE1193	640169.9630	9311204.3169	MII1193	643601.3328	9317574.4257	MIE1193	643616.5878	9317573.3192
MDI1194	640193.0736	9311210.5188	MDE1194	640179.8767	9311217.8829	MII1194	643607.6828	9317597.4445	MIE1194	643622.2526	9317593.8540
MDI1195	640198.8944	9311224.8064	MDE1195	640185.4615	9311231.5912	MII1195	643615.9203	9317633.9570	MIE1195	643629.9789	9317629.3948





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Table with 12 columns and 30 rows containing identification numbers and codes.

Stamp: AUTORIDAD ADMINISTRATIVA DEL ACQU... Ing. Elmer Garcia Saenz DIRECTOR

Stamp: V° B° Silvia Flores PROFESIONAL

Stamp: V° B° Hector Manuel Paredes Pinocho ESPECIALISTA G.R.R.H.H.



RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 45 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 30 rows containing identification numbers and codes.





RESOLUCION DIRECTORAL No. 690 -2019-ANA-AAA-JZ-V

Table with 12 columns and 35 rows of identification numbers (MDI, MDE, MII, MIE) and their corresponding values.





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MDI1356	641999.3876	9313788.6240	MDE1356	641987.0639	9313797.1960
MDI1357	642007.5897	9313799.4719	MDE1357	641995.7782	9313808.7214
MDI1358	642015.5272	9313809.2615	MDE1358	642003.4669	9313818.2041
MDI1359	642027.6981	9313827.2532	MDE1359	642015.1283	9313835.4427
MDI1360	642037.4877	9313842.8637	MDE1360	642024.8446	9313850.9363
MDI1361	642044.3669	9313853.4470	MDE1361	642031.9095	9313861.8053
MDI1362	642053.8919	9313867.2054	MDE1362	642041.6405	9313875.8613
MDI1363	642062.0940	9313878.5825	MDE1363	642049.8716	9313887.2786
MDI1364	642070.8253	9313891.0179	MDE1364	642058.1044	9313899.0041
MDI1365	642077.1753	9313902.3950	MDE1365	642064.0118	9313909.5883
MDI1366	642083.2607	9313913.7722	MDE1366	642070.3971	9313921.5260
MDI1367	642090.4045	9313924.3555	MDE1367	642078.4092	9313933.3956
MDI1368	642097.2836	9313932.5576	MDE1368	642086.8265	9313943.4318
MDI1369	642105.4857	9313938.9076	MDE1369	642097.6069	9313951.7778
MDI1370	642114.4816	9313943.1410	MDE1370	642108.8473	9313957.0674
MDI1371	642125.3295	9313946.8451	MDE1371	642120.0453	9313960.8911
MDI1372	642134.3254	9313950.5493	MDE1372	642131.3580	9313965.5493
MDI1373	642142.5275	9313950.5493	MDE1373	642143.5231	9313965.5493
MDI1374	642150.4650	9313949.4910	MDE1374	642154.8568	9313964.0381
MDI1375	642161.3129	9313944.1993	MDE1375	642168.0510	9313957.6019
MDI1376	642176.1296	9313936.5264	MDE1376	642183.6802	9313949.5083
MDI1377	642191.2109	9313926.7368	MDE1377	642200.0705	9313938.8689
MDI1378	642205.7630	9313914.8305	MDE1378	642215.2519	9313926.4478
MDI1379	642222.9610	9313900.8075	MDE1379	642232.0691	9313912.7353
MDI1380	642241.4818	9313887.5783	MDE1380	642250.9441	9313899.2532
MDI1381	642260.5319	9313870.1158	MDE1381	642270.1982	9313881.6035
MDI1382	642279.0528	9313855.8283	MDE1382	642288.4385	9313867.5325
MDI1383	642298.1028	9313839.9533	MDE1383	642307.2762	9313851.8344
MDI1384	642311.0674	9313830.6928	MDE1384	642320.5237	9313842.3719
MDI1385	642323.5028	9313819.3157	MDE1385	642334.5018	9313829.5834
MDI1386	642333.8216	9313806.3511	MDE1386	642346.4322	9313814.5940
MDI1387	642343.8758	9313787.3011	MDE1387	642357.0664	9313794.4449
MDI1388	642354.4592	9313768.2510	MDE1388	642367.2629	9313776.0912
MDI1389	642365.3071	9313752.1114	MDE1389	642377.0442	9313761.5385
MDI1390	642376.1550	9313740.7343	MDE1390	642386.4519	9313751.6719
MDI1391	642388.0613	9313730.6801	MDE1391	642397.2625	9313742.5430
MDI1392	642399.9676	9313722.2134	MDE1392	642407.7984	9313735.0508
MDI1393	642415.3134	9313714.2759	MDE1393	642420.9400	9313728.2534
MDI1394	642429.6010	9313710.0426	MDE1394	642433.9989	9313724.3841
MDI1395	642440.4489	9313706.6030	MDE1395	642443.1437	9313721.4845







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MDI1396	642450.7677	9313706.0738	MDE1396	642450.8744	9313721.0881
MDI1397	642465.0552	9313706.6030	MDE1397	642464.3834	9313721.5884
MDI1398	642475.1094	9313707.1322	MDE1398	642471.6295	9313721.9698
MDI1399	642484.8990	9313711.3655	MDE1399	642479.0492	9313725.1783
MDI1400	642495.7469	9313715.8634	MDE1400	642489.2646	9313729.4139
MDI1401	642510.2991	9313723.8009	MDE1401	642501.4952	9313736.0851
MDI1402	642520.3532	9313733.0614	MDE1402	642509.3945	9313743.3608
MDI1403	642530.6720	9313745.7614	MDE1403	642518.4241	9313754.4741
MDI1404	642537.5512	9313756.8739	MDE1404	642524.2171	9313763.8322
MDI1405	642542.5783	9313768.5156	MDE1405	642528.9739	9313774.8479
MDI1406	642550.5158	9313784.3906	MDE1406	642537.1411	9313791.1822
MDI1407	642559.2471	9313801.3240	MDE1407	642545.5176	9313807.4275
MDI1408	642565.3325	9313817.4636	MDE1408	642551.4250	9313823.0950
MDI1409	642572.2117	9313833.3387	MDE1409	642558.2407	9313838.8235
MDI1410	642576.9742	9313846.8324	MDE1410	642562.7855	9313851.7007
MDI1411	642585.4409	9313872.2325	MDE1411	642571.3334	9313877.3442
MDI1412	642593.1138	9313891.8117	MDE1412	642579.0933	9313897.1454
MDI1413	642601.3159	9313914.0367	MDE1413	642587.2510	9313919.2500
MDI1414	642614.8097	9313950.2847	MDE1414	642600.7941	9313955.6305
MDI1415	642628.0389	9313984.1515	MDE1415	642613.8772	9313989.1234
MDI1416	642635.9764	9314009.5515	MDE1416	642621.8161	9314014.5277
MDI1417	642650.2639	9314046.0641	MDE1417	642636.2635	9314051.4488
MDI1418	642662.9639	9314079.6662	MDE1418	642648.8621	9314084.7826
MDI1419	642677.7806	9314122.2642	MDE1419	642663.6494	9314127.2963
MDI1420	642689.1577	9314153.4851	MDE1420	642675.0208	9314158.5014
MDI1421	642701.8578	9314190.2623	MDE1421	642687.7379	9314195.3281
MDI1422	642711.1182	9314215.1332	MDE1422	642697.0042	9314220.2147
MDI1423	642719.5849	9314239.4749	MDE1423	642705.6583	9314245.0951
MDI1424	642730.6974	9314263.5520	MDE1424	642717.2715	9314270.2570
MDI1425	642736.2537	9314273.8708	MDE1425	642722.7019	9314280.3422
MDI1426	642739.6933	9314282.0729	MDE1426	642725.6160	9314287.2912
MDI1427	642742.6037	9314291.0687	MDE1427	642728.5538	9314296.3717
MDI1428	642746.0433	9314299.0063	MDE1428	642732.8154	9314306.2061
MDI1429	642751.3350	9314306.9438	MDE1429	642738.6562	9314314.9673
MDI1430	642755.3037	9314313.5584	MDE1430	642741.5406	9314319.7746
MDI1431	642757.1558	9314319.3792	MDE1431	642742.4430	9314322.6107
MDI1432	642757.9495	9314325.7292	MDE1432	642743.2010	9314328.6744
MDI1433	642761.3891	9314338.1647	MDE1433	642746.9248	9314342.1375
MDI1434	642763.7704	9314346.8959	MDE1434	642749.8557	9314352.8841
MDI1435	642783.0850	9314378.6460	MDE1435	642770.0823	9314386.1334





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MDI1436	642804.2517	9314417.5398	MDE1436	642791.0046	9314424.5780
MDI1437	642822.7726	9314453.2586	MDE1437	642809.6781	9314460.5912
MDI1438	642833.6205	9314471.2504	MDE1438	642821.1786	9314479.6653
MDI1439	642843.4101	9314484.2150	MDE1439	642830.8136	9314492.4251
MDI1440	642852.4060	9314500.3546	MDE1440	642838.7017	9314506.5772
MDI1441	642858.7560	9314518.0817	MDE1441	642844.5196	9314522.8190
MDI1442	642864.0477	9314535.2796	MDE1442	642849.3953	9314538.6648
MDI1443	642866.1643	9314548.7734	MDE1443	642851.2257	9314550.3340
MDI1444	642866.9581	9314563.8547	MDE1444	642851.9712	9314564.4988
MDI1445	642867.4873	9314579.7297	MDE1445	642852.4242	9314578.0880
MDI1446	642864.5768	9314591.1068	MDE1446	642850.2771	9314586.4812
MDI1447	642861.1373	9314599.8381	MDE1447	642846.3391	9314596.4778
MDI1448	642860.6081	9314607.2465	MDE1448	642845.6313	9314606.3862
MDI1449	642859.8143	9314625.5027	MDE1449	642844.8186	9314625.0795
MDI1450	642859.5498	9314645.8757	MDE1450	642844.5626	9314644.7925
MDI1451	642855.8456	9314673.9216	MDE1451	642840.9980	9314671.7814
MDI1452	642851.8768	9314699.3216	MDE1452	642837.0937	9314696.7690
MDI1453	642848.1726	9314718.9008	MDE1453	642833.4850	9314715.8435
MDI1454	642844.2039	9314736.3634	MDE1454	642829.6873	9314732.5535
MDI1455	642839.7060	9314751.4447	MDE1455	642826.0280	9314744.8227
MDI1456	642829.1226	9314766.5259	MDE1456	642817.1672	9314757.4494
MDI1457	642818.2747	9314779.7551	MDE1457	642806.0123	9314771.0529
MDI1458	642811.6601	9314790.6031	MDE1458	642798.3551	9314783.6106
MDI1459	642806.1038	9314803.0385	MDE1459	642792.4590	9314796.8069
MDI1460	642800.5475	9314814.9448	MDE1460	642786.0608	9314810.5172
MDI1461	642798.9600	9314824.9990	MDE1461	642784.3833	9314821.1412
MDI1462	642793.6684	9314839.0219	MDE1462	642780.2566	9314832.0771
MDI1463	642787.5829	9314848.0178	MDE1463	642773.4369	9314842.1583
MDI1464	642784.6725	9314863.0991	MDE1464	642769.9457	9314860.2493
MDI1465	642781.2329	9314880.8262	MDE1465	642766.7271	9314876.8377
MDI1466	642775.1475	9314897.7595	MDE1466	642760.8147	9314893.2895
MDI1467	642770.6496	9314914.6929	MDE1467	642755.9310	9314911.6752
MDI1468	642768.7975	9314927.3929	MDE1468	642753.9078	9314925.5484
MDI1469	642767.4746	9314940.3575	MDE1469	642752.4200	9314940.1288
MDI1470	642768.2683	9314951.4701	MDE1470	642753.4238	9314954.1820
MDI1471	642773.5600	9314969.1972	MDE1471	642759.8381	9314975.6700
MDI1472	642785.4663	9314986.9243	MDE1472	642773.2863	9314995.6928
MDI1473	642797.9017	9315003.0639	MDE1473	642786.0969	9315012.3193
MDI1474	642816.6872	9315026.6119	MDE1474	642805.0836	9315036.1195
MDI1475	642834.9435	9315048.3078	MDE1475	642823.2305	9315057.6855





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MDI1476	642852.6706	9315071.5911	MDE1476	642840.2148	9315079.9932
MDI1477	642863.5185	9315089.8474	MDE1477	642850.5061	9315097.3127
MDI1478	642871.7206	9315104.6641	MDE1478	642858.0264	9315110.8978
MDI1479	642877.0123	9315119.2162	MDE1479	642862.3616	9315122.8194
MDI1480	642879.3935	9315136.9433	MDE1480	642864.3636	9315137.7233
MDI1481	642878.8644	9315154.6705	MDE1481	642863.8705	9315154.2413
MDI1482	642878.3352	9315173.9851	MDE1482	642863.3632	9315172.7562
MDI1483	642876.4831	9315187.4789	MDE1483	642861.7587	9315184.4461
MDI1484	642869.6039	9315212.3497	MDE1484	642855.1490	9315208.3430
MDI1485	642864.3123	9315231.3998	MDE1485	642849.5965	9315228.3320
MDI1486	642861.4018	9315252.0373	MDE1486	642846.5572	9315249.8828
MDI1487	642858.7560	9315269.7644	MDE1487	642844.2725	9315265.1903
MDI1488	642852.1414	9315282.9936	MDE1488	642839.4005	9315274.9344
MDI1489	642834.9435	9315304.9541	MDE1489	642823.8197	9315294.8299
MDI1490	642824.8893	9315314.4791	MDE1490	642812.4462	9315305.6048
MDI1491	642820.9205	9315323.2104	MDE1491	642806.9201	9315317.7621
MDI1492	642816.6872	9315336.1750	MDE1492	642802.1525	9315332.3628
MDI1493	642814.0413	9315349.4042	MDE1493	642799.1917	9315347.1668
MDI1494	642812.7184	9315362.3688	MDE1494	642798.0004	9315358.8420
MDI1495	642808.2205	9315374.0105	MDE1495	642793.8795	9315369.5079
MDI1496	642805.3101	9315385.9168	MDE1496	642790.1651	9315384.7032
MDI1497	642806.3684	9315399.1460	MDE1497	642791.5806	9315402.3971
MDI1498	642810.0726	9315409.2001	MDE1498	642795.1319	9315412.0364
MDI1499	642810.3372	9315421.1064	MDE1499	642795.2866	9315418.9988
MDI1500	642804.5163	9315439.8919	MDE1500	642789.3739	9315438.0809
MDI1501	642805.3101	9315452.5919	MDE1501	642790.5335	9315456.6353
MDI1502	642811.9247	9315465.5565	MDE1502	642799.6994	9315474.6004
MDI1503	642828.0643	9315481.1670	MDE1503	642818.0533	9315492.3526
MDI1504	642843.4101	9315493.8670	MDE1504	642834.2081	9315505.7220
MDI1505	642857.9622	9315504.4503	MDE1505	642849.7289	9315517.0099
MDI1506	642871.4560	9315512.3878	MDE1506	642865.6297	9315526.3633
MDI1507	642885.4790	9315516.0920	MDE1507	642882.3430	9315530.7782
MDI1508	642901.6186	9315518.7379	MDE1508	642899.5444	9315533.5981
MDI1509	642922.2561	9315521.1191	MDE1509	642921.5760	9315536.1402
MDI1510	642943.9520	9315520.5899	MDE1510	642944.0362	9315535.5924
MDI1511	642964.0604	9315520.8545	MDE1511	642963.4557	9315535.8479
MDI1512	642983.6396	9315522.1775	MDE1512	642982.7933	9315537.1545
MDI1513	643006.9230	9315523.2358	MDE1513	643006.0193	9315538.2102
MDI1514	643031.5293	9315525.0879	MDE1514	643029.6392	9315539.9880
MDI1515	643049.2564	9315528.2629	MDE1515	643047.1035	9315543.1160





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MDI1516	643080.2127	9315531.7025	MDE1516	643077.7270	9315546.5186
MDI1517	643107.2002	9315537.7879	MDE1517	643103.7310	9315552.3822
MDI1518	643133.6586	9315544.4025	MDE1518	643130.6139	9315559.1030
MDI1519	643159.3233	9315548.6358	MDE1519	643156.8986	9315563.4386
MDI1520	643203.2442	9315555.7796	MDE1520	643200.6387	9315570.5529
MDI1521	643240.8151	9315562.9234	MDE1521	643236.7358	9315577.4165
MDI1522	643268.8610	9315573.5067	MDE1522	643263.1116	9315587.3696
MDI1523	643302.7277	9315588.8526	MDE1523	643296.6513	9315602.5673
MDI1524	643336.3299	9315603.4047	MDE1524	643330.6209	9315617.2785
MDI1525	643368.8737	9315616.1047	MDE1525	643362.3201	9315629.6489
MDI1526	643382.8966	9315624.3068	MDE1526	643374.7029	9315636.8917
MDI1527	643403.7988	9315639.3881	MDE1527	643395.1629	9315651.6540
MDI1528	643429.9926	9315657.3798	MDE1528	643420.6364	9315669.1510
MDI1529	643448.7780	9315674.5778	MDE1529	643438.5320	9315685.5342
MDI1530	643466.5051	9315691.5111	MDE1530	643456.8097	9315702.9935
MDI1531	643490.3177	9315709.2382	MDE1531	643480.6415	9315720.7350
MDI1532	643505.9281	9315724.0549	MDE1532	643494.7696	9315734.1447
MDI1533	643518.6282	9315740.4591	MDE1533	643506.3956	9315749.1617
MDI1534	643530.5344	9315758.7154	MDE1534	643518.2747	9315767.3762
MDI1535	643541.6469	9315773.2675	MDE1535	643529.6638	9315782.2906
MDI1536	643554.6116	9315790.7301	MDE1536	643541.9155	9315798.7928
MDI1537	643571.8095	9315822.7447	MDE1537	643558.5436	9315829.7467
MDI1538	643582.9220	9315844.1760	MDE1538	643569.0936	9315850.0932
MDI1539	643589.2720	9315862.6969	MDE1539	643575.0543	9315867.4784
MDI1540	643597.4741	9315887.5678	MDE1540	643582.9493	9315891.4180
MDI1541	643601.9721	9315909.7928	MDE1541	643586.9386	9315911.1303
MDI1542	643601.4429	9315933.6054	MDE1542	643586.4592	9315932.7073
MDI1543	643599.0616	9315957.9471	MDE1543	643584.0521	9315957.3123
MDI1544	643599.3262	9315978.3200	MDE1544	643584.3350	9315979.0900
MDI1545	643601.4429	9316001.8680	MDE1545	643586.4429	9316002.5408
MDI1546	643601.4429	9316023.0347	MDE1546	643586.4429	9316021.1543
MDI1547	643594.2991	9316051.0806	MDE1547	643579.6994	9316047.6287
MDI1548	643586.0970	9316088.6515	MDE1548	643571.3932	9316085.6765
MDI1549	643577.3658	9316135.4828	MDE1549	643562.6299	9316132.6796
MDI1550	643570.4866	9316170.9371	MDE1550	643555.6919	9316168.4370
MDI1551	643566.2532	9316200.3059	MDE1551	643551.3992	9316198.2180
MDI1552	643560.9616	9316238.9351	MDE1552	643546.2176	9316236.0433
MDI1553	643553.2886	9316268.8331	MDE1553	643538.9494	9316264.3644
MDI1554	643545.8803	9316288.9415	MDE1554	643531.7978	9316283.7758
MDI1555	643534.7678	9316319.3686	MDE1555	643520.7894	9316313.9178





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MDI1556	643517.3052	9316361.4375	MDE1556	643503.5722	9316355.3958
MDI1557	643494.2864	9316410.9146	MDE1557	643480.6973	9316404.5636
MDI1558	643467.8280	9316467.2710	MDE1558	643454.4277	9316460.5179
MDI1559	643444.2801	9316510.9273	MDE1559	643430.7583	9316504.3993
MDI1560	643428.4051	9316547.9691	MDE1560	643414.4738	9316542.3966
MDI1561	643408.0321	9316602.7379	MDE1561	643393.7999	9316597.9744
MDI1562	643394.5383	9316647.9818	MDE1562	643380.2729	9316643.3297
MDI1563	643387.1300	9316668.8839	MDE1563	643372.9860	9316663.8891
MDI1564	643382.1029	9316683.1714	MDE1564	643367.4769	9316679.5465
MDI1565	643379.1925	9316702.7506	MDE1565	643364.2737	9316701.0956
MDI1566	643377.8695	9316720.7423	MDE1566	643362.8838	9316719.9972
MDI1567	643377.3404	9316741.1153	MDE1567	643362.3726	9316739.6806
MDI1568	643374.9591	9316755.4028	MDE1568	643360.3567	9316751.7759
MDI1569	643372.3133	9316763.3404	MDE1569	643358.3558	9316757.7787
MDI1570	643368.6091	9316771.2779	MDE1570	643353.5213	9316768.1383
MDI1571	643368.8737	9316781.3321	MDE1571	643353.9238	9316783.4341
MDI1572	643372.8424	9316796.6779	MDE1572	643358.0256	9316799.2942
MDI1573	643375.2237	9316821.2842	MDE1573	643360.3324	9316823.1315
MDI1574	643377.8695	9316838.7468	MDE1574	643362.3984	9316836.7672
MDI1575	643373.9008	9316848.0072	MDE1575	643358.6188	9316845.5862
MDI1576	643374.9591	9316859.6489	MDE1576	643360.2075	9316863.0612
MDI1577	643379.1925	9316870.7614	MDE1577	643364.2962	9316873.7942
MDI1578	643380.2508	9316898.8073	MDE1578	643365.2312	9316898.5698
MDI1579	643378.9279	9316917.8573	MDE1579	643363.8317	9316918.7219
MDI1580	643384.4841	9316947.7553	MDE1580	643369.8844	9316951.2910
MDI1581	643394.0092	9316979.5054	MDE1581	643379.5736	9316983.5883
MDI1582	643399.5654	9317000.4075	MDE1582	643384.8075	9317003.2777
MDI1583	643401.9467	9317019.4575	MDE1583	643387.0373	9317021.1163
MDI1584	643405.1217	9317052.0013	MDE1584	643390.2612	9317054.1619
MDI1585	643410.1488	9317077.9306	MDE1585	643395.2576	9317079.9327
MDI1586	643411.7363	9317098.8327	MDE1586	643396.8159	9317100.4497
MDI1587	643414.6467	9317119.4702	MDE1587	643399.6067	9317120.2390
MDI1588	643413.8529	9317140.3724	MDE1588	643398.9042	9317138.7379
MDI1589	643409.6196	9317163.6557	MDE1589	643394.7897	9317161.3677
MDI1590	643407.5029	9317180.3245	MDE1590	643393.0558	9317175.0222
MDI1591	643400.0946	9317191.7016	MDE1591	643387.3101	9317183.8459
MDI1592	643391.3633	9317206.7829	MDE1592	643377.7447	9317200.3680
MDI1593	643384.4841	9317225.3038	MDE1593	643370.1511	9317220.8124
MDI1594	643379.7216	9317243.8246	MDE1594	643365.0325	9317240.7180
MDI1595	643377.8695	9317254.9372	MDE1595	643362.3596	9317256.7552





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MDI1596	643382.1029	9317264.9914	MDE1596	643368.7276	9317271.8792
MDI1597	643391.8925	9317280.8664	MDE1597	643378.6544	9317287.9767
MDI1598	643401.6821	9317302.0331	MDE1598	643387.7514	9317307.6459
MDI1599	643409.0904	9317323.4644	MDE1599	643395.0394	9317328.7291
MDI1600	643414.1175	9317335.8998	MDE1600	643399.2385	9317339.1164
MDI1601	643414.6467	9317348.5999	MDE1601	643399.8133	9317352.9100
MDI1602	643421.5259	9317360.5061	MDE1602	643409.4317	9317369.5572
MDI1603	643432.1092	9317371.6187	MDE1603	643419.4812	9317380.1092
MDI1604	643439.2530	9317387.4937	MDE1604	643424.7766	9317391.8768
MDI1605	643441.3697	9317400.1937	MDE1605	643427.2045	9317406.4442
MDI1606	643450.1009	9317411.3062	MDE1606	643438.7757	9317421.1712
MDI1607	643464.3885	9317426.1229	MDE1607	643452.9188	9317435.8381
MDI1608	643470.4739	9317434.3250	MDE1608	643457.9438	9317442.6110
MDI1609	643479.4697	9317449.6709	MDE1609	643464.9684	9317454.5940
MDI1610	643481.3218	9317464.4876	MDE1610	643466.4845	9317466.7227
MDI1611	643483.7031	9317477.9814	MDE1611	643469.5877	9317484.3075
MDI1612	643506.4573	9317506.8210	MDE1612	643492.8742	9317513.8218
MDI1613	643508.3094	9317513.1710	MDE1613	643493.0941	9317514.5757
MDI1614	643507.2510	9317523.7544	MDE1614	643491.9128	9317526.3887
MDI1615	643511.4844	9317532.7502	MDE1615	643498.6657	9317540.7386
MDI1616	643521.0094	9317544.6565	MDE1616	643508.0243	9317552.4369
MDI1617	643528.9469	9317563.1774	MDE1617	643514.8207	9317568.2951
MDI1618	643535.0324	9317583.5503	MDE1618	643520.6128	9317587.6860
MDI1619	643537.9428	9317594.1337	MDE1619	643523.5229	9317598.2681
MDI1620	643543.2345	9317611.8608	MDE1620	643529.0124	9317616.6580
MDI1621	643549.3199	9317628.0004	MDE1621	643535.1951	9317633.0557
MDI1622	643554.6116	9317643.6109	MDE1622	643540.0108	9317647.2619
MDI1623	643558.3157	9317666.1005	MDE1623	643543.5757	9317668.9061
MDI1624	643564.6657	9317695.4693	MDE1624	643549.8818	9317698.0715
MDI1625	643567.8407	9317718.7527	MDE1625	643552.8659	9317719.9548
MDI1626	643568.3699	9317740.1840	MDE1626	643553.4065	9317741.8524
MDI1627	643571.5449	9317756.0590	MDE1627	643556.7570	9317758.6049
MDI1628	643574.7199	9317778.0195	MDE1628	643559.8477	9317779.9821
MDI1629	643576.8366	9317795.7466	MDE1629	643561.8220	9317796.5164
MDI1630	643576.5720	9317811.8862	MDE1630	643561.6126	9317809.2865
MDI1631	643572.0741	9317825.1154	MDE1631	643558.0153	9317819.8668
MDI1632	643569.1637	9317832.2592	MDE1632	643555.1792	9317826.8281
MDI1633	643564.6657	9317844.4300	MDE1633	643550.3251	9317839.9627
MDI1634	643561.4907	9317856.8655	MDE1634	643546.7083	9317854.1287
MDI1635	643559.6387	9317872.7405	MDE1635	643544.5873	9317872.3085





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MDI1636	643560.6970	9317890.7322	MDE1636	643545.6301	9317890.0367
MDI1637	643556.9928	9317915.0739	MDE1637	643542.3606	9317911.5222
MDI1638	643549.3199	9317937.8281	MDE1638	643535.3319	9317932.3659
MDI1639	643539.5303	9317959.7886	MDE1639	643525.8116	9317953.7224
MDI1640	643526.3011	9317989.9511	MDE1640	643512.5016	9317984.0691
MDI1641	643509.1031	9318031.4908	MDE1641	643495.6097	9318024.8694
MDI1642	643486.0843	9318071.7076	MDE1642	643473.5272	9318063.4504
MDI1643	643459.0968	9318107.6910	MDE1643	643447.1262	9318098.6517
MDI1644	643429.7280	9318146.3202	MDE1644	643418.4995	9318136.3048
MDI1645	643410.6779	9318164.5765	MDE1645	643401.0885	9318152.9904
MDI1646	643395.0675	9318175.6890	MDE1646	643386.0569	9318163.6909
MDI1647	643376.0174	9318190.7703	MDE1647	643364.9130	9318180.4298
MDI1648	643364.1112	9318208.2328	MDE1648	643350.8757	9318201.0177
MDI1649	643356.1737	9318227.0183	MDE1649	643341.7060	9318222.7194
MDI1650	643351.9403	9318250.5662	MDE1650	643337.0612	9318248.5564
MDI1651	643351.1466	9318259.2975	MDE1651	643336.5966	9318253.6669
MDI1652	643343.7382	9318269.0871	MDE1652	643331.5656	9318260.3150
MDI1653	643337.3882	9318278.3475	MDE1653	643325.5264	9318269.1221
MDI1654	643329.7153	9318287.0788	MDE1654	643320.5637	9318274.7694
MDI1655	643320.4548	9318291.3122	MDE1655	643311.5877	9318278.8727
MDI1656	643315.1632	9318296.8684	MDE1656	643300.3289	9318290.6944
MDI1657	643314.8986	9318306.3934	MDE1657		
MDI1658	643319.1319	9318314.8601	MDE1658	643299.7999	9318309.7371
MDI1659	643322.0423	9318323.5914	MDE1659	643305.2388	9318320.6148
MDI1660	643323.1007	9318331.2643	MDE1660		
MDI1661	643322.3069	9318341.8477	MDE1661		
MDI1662	643316.2215	9318343.9643	MDE1662		
MDI1663	643310.9298	9318340.5248	MDE1663	643307.0430	9318326.0275
MDI1664	643304.0506	9318342.1123	MDE1664	643296.8004	9318328.3912
MDI1665	643300.6110	9318345.2873	MDE1665	643286.7704	9318337.6496
MDI1666	643299.2881	9318352.4310	MDE1666	643284.1627	9318351.7313
MDI1667	643300.0819	9318361.1623	MDE1667	643285.2889	9318364.1199
MDI1668	643308.5486	9318388.1499	MDE1668	643294.0524	9318392.0534
MDI1669	643312.2527	9318404.5541	MDE1669	643297.3285	9318406.5622
MDI1670	643312.7819	9318416.1957	MDE1670	643297.8107	9318417.1700
MDI1671	643314.1048	9318431.8062	MDE1671	643299.1980	9318433.5403
MDI1672	643316.2215	9318446.0937	MDE1672	643301.5374	9318449.3313
MDI1673	643320.9840	9318462.2333	MDE1673	643306.7014	9318466.8313
MDI1674	643326.8049	9318478.9021	MDE1674	643312.6404	9318483.8386
MDI1675	643337.3882	9318509.3293	MDE1675	643323.0975	9318513.9028





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MDI1676	643343.7382	9318531.0251	MDE1676	643329.4336	9318535.5510
MDI1677	643347.9716	9318543.4606	MDE1677	643333.6617	9318547.9710
MDI1678	643352.7341	9318559.8648	MDE1678	643338.5339	9318564.7530
MDI1679	643360.6716	9318579.7086	MDE1679	643346.6046	9318584.9297
MDI1680	643367.0216	9318598.2294	MDE1680	643353.1125	9318603.9111
MDI1681	643372.5779	9318609.8711	MDE1681	643358.2357	9318614.6454
MDI1682	643377.3404	9318633.6837	MDE1682	643362.8216	9318637.5752
MDI1683	643383.1612	9318650.8816	MDE1683	643369.0894	9318656.0936
MDI1684	643390.3050	9318668.6087	MDE1684	643376.8595	9318675.3749
MDI1685	643398.2425	9318681.5734	MDE1685	643384.6240	9318688.0569
MDI1686	643406.1800	9318704.0630	MDE1686	643392.3033	9318709.8150
MDI1687	643415.1759	9318722.8484	MDE1687	643401.5119	9318729.0448
MDI1688	643423.1134	9318741.3693	MDE1688	643409.2542	9318747.1100
MDI1689	643427.8759	9318753.2756	MDE1689	643414.1160	9318759.2645
MDI1690	643436.6072	9318771.7965	MDE1690	643423.4434	9318779.0500
MDI1691	643444.0155	9318783.4381	MDE1691	643430.9177	9318790.7953
MDI1692	643451.6884	9318799.0486	MDE1692	643438.8622	9318806.9582
MDI1693	643458.3030	9318807.7799	MDE1693	643446.7436	9318817.3618
MDI1694	643471.0031	9318821.8028	MDE1694	643459.6838	9318831.6499
MDI1695	643488.4656	9318842.7049	MDE1695	643476.6378	9318851.9432
MDI1696	643504.8698	9318865.1946	MDE1696	643493.1087	9318874.5244
MDI1697	643527.8886	9318891.9175	MDE1697	643516.3387	9318901.4925
MDI1698	643545.6157	9318914.1426	MDE1698	643533.9720	9318923.6000
MDI1699	643574.7199	9318949.3322	MDE1699	643563.1788	9318958.9136
MDI1700	643599.8554	9318979.4948	MDE1700	643588.4805	9318989.2756
MDI1701	643614.4075	9318995.8990	MDE1701	643603.9027	9319006.6607
MDI1702	643629.7534	9319008.8636	MDE1702	643618.5916	9319019.0703
MDI1703	643638.4846	9319021.2990	MDE1703	643627.1859	9319031.3106
MDI1704	643651.7138	9319033.2053	MDE1704	643641.2916	9319044.0057
MDI1705	643659.3868	9319041.1428	MDE1705	643648.4638	9319051.4252
MDI1706	643668.1180	9319050.6678	MDE1706	643656.9143	9319060.6440
MDI1707	643676.5847	9319060.4574	MDE1707	643665.7203	9319070.8259
MDI1708	643687.1681	9319070.5116	MDE1708	643677.7731	9319082.2761
MDI1709	643694.3118	9319075.2741	MDE1709	643685.9199	9319087.7073
MDI1710	643710.1869	9319086.1221	MDE1710	643702.3057	9319098.9043
MDI1711	643725.0036	9319094.3242	MDE1711	643718.9063	9319108.0939
MDI1712	643737.4390	9319098.5575	MDE1712	643733.2465	9319112.9756
MDI1713	643746.1703	9319100.6742	MDE1713	643743.7825	9319115.5298
MDI1714	643755.9599	9319101.4679	MDE1714	643751.8061	9319116.1804
MDI1715	643774.2162	9319110.7264	MDE1715	643766.3034	9319123.5340







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MDI1716	643788.5037	9319121.3117	MDE1716	643779.2389	9319133.1159
MDI1717	643807.2891	9319136.9222	MDE1717	643796.7537	9319147.6705
MDI1718	643819.1954	9319150.6805	MDE1718	643807.3319	9319159.8942
MDI1719	643830.0434	9319166.2910	MDE1719	643817.5577	9319174.6094
MDI1720	643837.9809	9319178.7264	MDE1720	643824.8806	9319186.0818
MDI1721	643844.0663	9319191.1619	MDE1721	643829.8603	9319196.2578
MDI1722	643849.3580	9319213.3869	MDE1722	643834.5483	9319215.9474
MDI1723	643850.9455	9319227.9390	MDE1723	643835.9110	9319228.4386
MDI1724	643850.1517	9319246.7245	MDE1724	643835.2127	9319244.9647
MDI1725	643844.3309	9319276.6225	MDE1725	643829.5176	9319274.2168
MDI1726	643838.7746	9319319.2205	MDE1726	643823.9112	9319317.1995
MDI1727	643834.8059	9319347.2664	MDE1727	643820.0547	9319344.4521
MDI1728	643829.5142	9319369.2268	MDE1728	643815.2029	9319364.5867
MDI1729	643820.2538	9319391.7164	MDE1729	643806.6773	9319385.2918
MDI1730	643805.1725	9319419.7623	MDE1730	643792.1471	9319412.3129
MDI1731	643791.6787	9319441.9874	MDE1731	643778.8866	9319434.1537
MDI1732	643780.5662	9319459.9791	MDE1732	643768.0102	9319451.7632
MDI1733	643771.0412	9319473.7374	MDE1733	643757.8052	9319466.5037
MDI1734	643767.0724	9319483.2625	MDE1734	643752.4530	9319479.3490
MDI1735	643766.0141	9319491.4646	MDE1735	643751.3083	9319488.2208
MDI1736	643761.2516	9319506.5458	MDE1736	643747.0447	9319501.7221
MDI1737	643755.9599	9319521.0979	MDE1737	643741.7087	9319516.3961
MDI1738	643750.9328	9319538.0313	MDE1738	643736.4933	9319533.9636
MDI1739	643746.6994	9319553.9063	MDE1739	643732.1081	9319550.4084
MDI1740	643743.2599	9319570.0460	MDE1740	643728.4507	9319567.5699
MDI1741	643741.9369	9319580.8939	MDE1741	643727.2403	9319577.4947
MDI1742	643739.5557	9319587.7731	MDE1742	643724.7870	9319584.5822
MDI1743	643738.2328	9319602.0606	MDE1743	643723.1412	9319602.3569
MDI1744	643740.6140	9319620.0523	MDE1744	643725.7724	9319622.2374
MDI1745	643742.2015	9319629.8419	MDE1745	643727.7710	9319634.5619
MDI1746	643749.0807	9319643.3357	MDE1746	643735.8856	9319650.4790
MDI1747	643758.3411	9319659.4753	MDE1747	643745.7888	9319667.7388
MDI1748	643767.8661	9319672.1753	MDE1748	643756.4221	9319681.9166
MDI1749	643781.8891	9319686.7274	MDE1749	643771.6207	9319697.6888
MDI1750	643800.6745	9319702.6025	MDE1750	643790.4508	9319713.6015
MDI1751	643812.8454	9319715.0379	MDE1751	643802.7232	9319726.1407
MDI1752	643825.5454	9319725.3567	MDE1752	643816.6872	9319737.4864
MDI1753	643840.1086	9319734.8817	MDE1753	643832.5659	9319747.8719
MDI1754	643857.1742	9319743.6130	MDE1754	643850.5844	9319757.0906
MDI1755	643875.0336	9319751.9474	MDE1755	643869.5931	9319765.9614





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MDI1756	643895.2743	9319758.2974	MDE1756	643891.0208	9319772.6838
MDI1757	643923.8494	9319766.2349	MDE1757	643919.7565	9319780.6659
MDI1758	643954.0119	9319774.9662	MDE1758	643950.2458	9319789.4918
MDI1759	643978.2213	9319780.5224	MDE1759	643974.8202	9319795.1318
MDI1760	644006.7964	9319787.2693	MDE1760	644002.9592	9319801.7757
MDI1761	644036.5621	9319796.0006	MDE1761	644032.2959	9319810.3812
MDI1762	644060.3746	9319803.1443	MDE1762	644055.3738	9319817.3045
MDI1763	644079.8215	9319811.0819	MDE1763	644073.6242	9319824.7537
MDI1764	644104.4278	9319823.3850	MDE1764	644096.7384	9319836.3108
MDI1765	644129.4310	9319840.8475	MDE1765	644121.0932	9319853.3205
MDI1766	644153.6404	9319856.3257	MDE1766	644143.8171	9319867.8489
MDI1767	644173.0874	9319878.1539	MDE1767	644162.3100	9319888.6063
MDI1768	644195.7093	9319899.5852	MDE1768	644184.7385	9319909.8543
MDI1769	644209.2031	9319915.8571	MDE1769	644198.0310	9319925.8835
MDI1770	644222.3000	9319929.3508	MDE1770	644211.3488	9319939.6049
MDI1771	644233.4125	9319941.6540	MDE1771	644222.2521	9319951.6763
MDI1772	644243.3344	9319952.7665	MDE1772	644230.1744	9319960.5494
MDI1773	644248.0969	9319966.2603	MDE1773	644233.6362	9319970.3578
MDI1774	644251.2719	9319980.9447	MDE1774	644236.9759	9319985.8040
MDI1775	644258.4157	9319996.0260	MDE1775	644245.4322	9320003.6561
MDI1776	644268.3376	9320009.9166	MDE1776	644256.9276	9320019.7496
MDI1777	644280.2438	9320021.4260	MDE1777	644269.2247	9320031.6368
MDI1778	644293.7376	9320037.6979	MDE1778	644283.2760	9320048.5811
MDI1779	644307.2314	9320048.0167	MDE1779	644298.2699	9320060.0470
MDI1780	644327.4720	9320062.7011	MDE1780	644318.6326	9320074.8199
MDI1781	644345.3315	9320075.7980	MDE1781	644336.6993	9320088.0689
MDI1782	644362.3971	9320087.3074	MDE1782	644355.0727	9320100.4602
MDI1783	644378.2721	9320094.4512	MDE1783	644372.1818	9320108.1593
MDI1784	644400.8941	9320104.3731	MDE1784	644394.1562	9320117.7972
MDI1785	644421.1347	9320115.8825	MDE1785	644414.3969	9320129.3066
MDI1786	644443.7567	9320125.8044	MDE1786	644437.1778	9320139.2982
MDI1787	644464.3942	9320136.9169	MDE1787	644458.0592	9320150.5421
MDI1788	644481.4599	9320143.6638	MDE1788	644475.6944	9320157.5141
MDI1789	644500.5099	9320151.9982	MDE1789	644494.8495	9320165.8945
MDI1790	644518.3693	9320158.7451	MDE1790	644512.3489	9320172.5054
MDI1791	644534.2443	9320166.6825	MDE1791	644526.8217	9320179.7418
MDI1792	644549.7225	9320176.6045	MDE1792	644540.6096	9320188.5801
MDI1793	644561.2319	9320186.9232	MDE1793	644549.2742	9320196.3484
MDI1794	644571.9475	9320206.7670	MDE1794	644558.4415	9320213.3249
MDI1795	644577.1069	9320218.6733	MDE1795	644563.7126	9320225.4890





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MDI1796	644585.8382	9320233.4900	MDE1796	644572.6528	9320240.6603
MDI1797	644594.3049	9320250.4234	MDE1797	644580.5867	9320256.5280
MDI1798	644599.5965	9320263.9171	MDE1798	644585.0408	9320267.8859
MDI1799	644601.7132	9320277.1463	MDE1799	644586.6669	9320278.0490
MDI1800	644600.6549	9320304.3985	MDE1800	644585.6372	9320304.5615
MDI1801	644601.7132	9320321.8610	MDE1801	644586.8047	9320323.8241
MDI1802	644604.3591	9320334.8256	MDE1802	644589.6033	9320337.5375
MDI1803	644606.7403	9320349.3777	MDE1803	644592.2326	9320353.6052
MDI1804	644610.7091	9320358.6382	MDE1804	644597.0303	9320364.8000
MDI1805	644617.5882	9320373.1903	MDE1805	644604.0575	9320379.6652
MDI1806	644625.7903	9320390.1236	MDE1806	644611.8965	9320395.8490
MDI1807	644631.8758	9320407.8508	MDE1807	644618.1322	9320414.0136
MDI1808	644641.4008	9320424.7841	MDE1808	644628.3370	9320432.1556
MDI1809	644649.3383	9320438.8071	MDE1809	644636.4081	9320446.4146
MDI1810	644658.0696	9320453.0946	MDE1810	644645.6864	9320461.5972
MDI1811	644680.8238	9320482.7280	MDE1811	644669.1874	9320492.2032
MDI1812	644709.1343	9320515.5364	MDE1812	644697.9329	9320525.5157
MDI1813	644742.4718	9320551.7844	MDE1813	644731.2031	9320561.6904
MDI1814	644764.6969	9320578.2428	MDE1814	644752.8181	9320587.4225
MDI1815	644776.3386	9320594.6470	MDE1815	644764.7839	9320604.2834
MDI1816	644786.9219	9320605.4949	MDE1816	644776.1923	9320615.9771
MDI1817	644798.8282	9320617.6658	MDE1817	644788.3401	9320628.3948
MDI1818	644810.9991	9320629.0429	MDE1818	644800.1704	9320639.4536
MDI1819	644826.0803	9320646.5054	MDE1819	644814.3375	9320655.8576
MDI1820	644837.7220	9320662.3804	MDE1820	644824.7718	9320670.0861
MDI1821	644844.3366	9320676.4034	MDE1821	644831.2289	9320683.7751
MDI1822	644854.1262	9320691.2201	MDE1822	644839.7129	9320696.6159
MDI1823	644855.1846	9320699.1576	MDE1823	644839.9983	9320698.7566
MDI1824	644853.5971	9320707.6243	MDE1824	644838.9000	9320704.6143
MDI1825	644850.4220	9320721.9118	MDE1825	644835.7564	9320718.7606
MDI1826	644847.5116	9320735.9348	MDE1826	644833.0406	9320731.8457
MDI1827	644841.6908	9320752.0744	MDE1827	644828.2358	9320745.1682
MDI1828	644835.8699	9320760.5411	MDE1828	644824.6985	9320750.3134
MDI1829	644829.7845	9320765.5681	MDE1829	644820.8743	9320753.4725
MDI1830	644819.4922	9320772.3018	MDE1830	644811.2800	9320759.7495

